









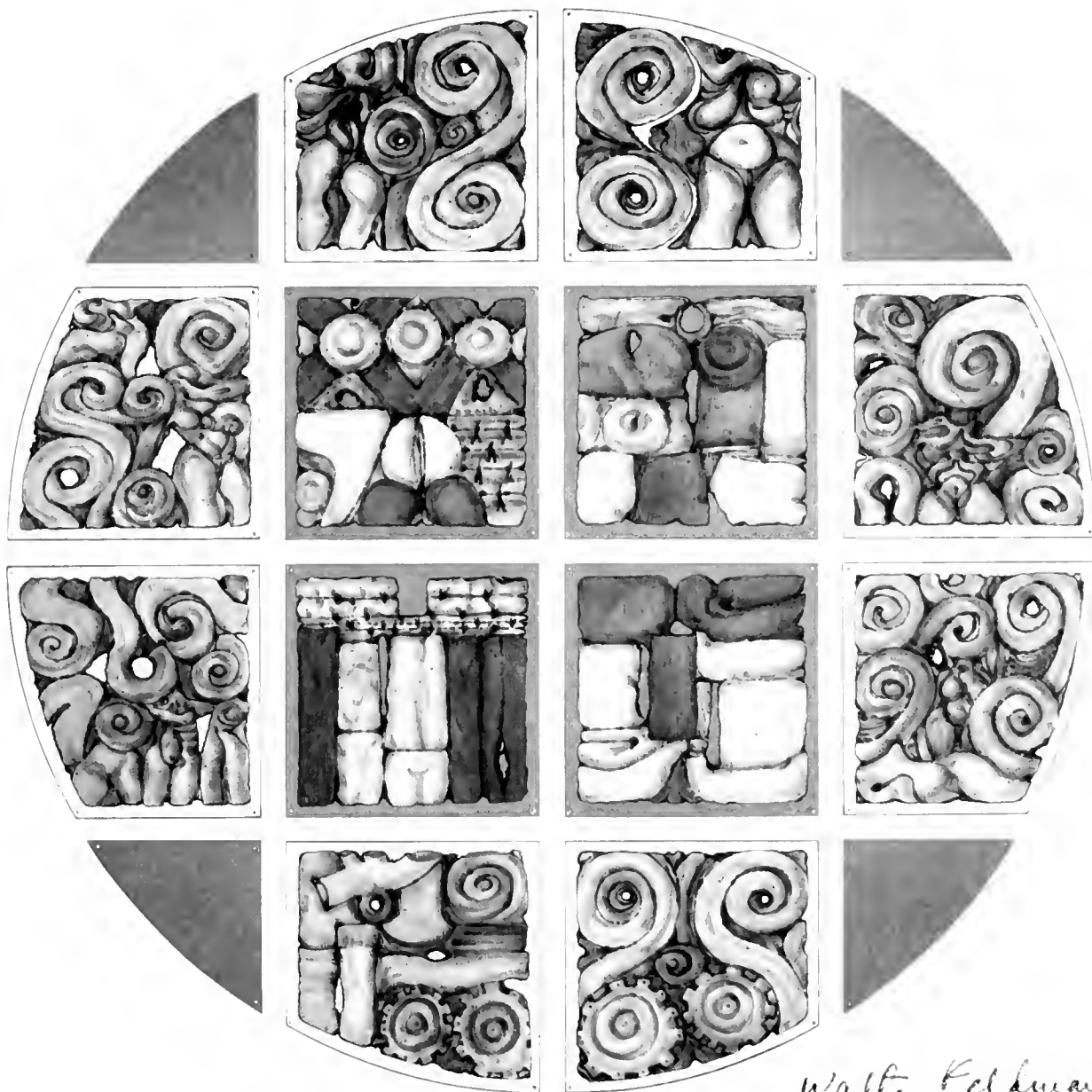




February 1979

# Brown

Alumni Monthly



*Walter Kelman*



A Prospect of Brown – Hitchcock artist Mel Morgan has re-created this view of Brown University for the first steel engraving of the campus which was published in January, 1858, in *The Rhode Island Schoolmaster*. Seen from left to right are Hope College, Manning Hall, University Hall and Rhode Island Hall as viewed from the corner of Waterman and Prospect Streets. University Hall

was built in 1770 and housed the entire college until 1822 when Hope College was built. Declared a National Historic Landmark in 1963, University Hall was occupied by American militia for four years during the Revolutionary War and served as a hospital for French troops under Rochambeau.

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# Brown

Brown Alumni Monthly, February 1979, Vol. 79, No. 5

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page 14



page 24



page 30

**In this issue**

**14 From Babylon to Brown:  
The Department of the History of Mathematics**

The story of Brown's smallest department — also, perhaps, its most illustrious, and certainly the least well-known. For over thirty years Professor Otto Neugebauer and his fellow scholars have deciphered thousands of cuneiform tablets and probed the mysteries of ancient mathematics and astronomy.

**24 Walter Feldman: A Retrospective**

The *Brown Alumni Monthly* wishes to invite you to a special exhibit of Walter Feldman's works, a retrospective show celebrating his twenty-fifth year as a professor of art at Brown. The artist will be present in the gallery between pages 26 and 29 to comment on his works.

**30 Men and Women on Campus: The Educational Implications of Sex Roles in Transition**

Brown and five other northeastern colleges and universities — both coed and single-sex institutions — have embarked on an extensive study of coeducation. The preliminary findings are out and top administrators from thirty-three colleges met at Brown last December to discuss them.

**Departments**

- 2 Carrying the Mail
- 8 Under the Elms
- 13 Sports
- 34 Alumni Calendar
- 36 The Classes
- 42 Profile: Roger Vaughan '59
- 46 Profile: Cyrus Hoffman '62
- 52 Deaths
- 54 Point of View
- 56 On Stage

On the cover: Circle Grid III, 1978 (51½" diameter) by Walter Feldman. Collage, acrylic, canvas on masonite. In this series Feldman has used a small oxyacetylene torch to burn and singe and color the canvas which he then mounts on masonite. "Paint did not seem appropriate for the notions I was dealing with," he says. "They would become too soft."

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# Carrying the Mail

## Edifice complex

Editor: I was very upset to read about the new seven-point plan for the future development of the University's physical plant in this June's issue of the *BAM*. It seems campus planning experts favor impressive and efficient but sterile and alienating monoliths at the expense of small but inefficient buildings and trees. The Sciences Library went up and Angell Hall, with its irreplaceable dome and planetarium, went down. If the planners are really interested in the University's "open-space pattern," they should concentrate on creating more small, enclosed, human green spaces like the weeping willow tree area next to the Lincoln Field Building or parts of the Pembroke Campus made charming by their variety of architectural styles and materials and, most importantly, by the nourishing presence of grass and trees. Two new "notable" additions to the campus, the Bio-Medical Center and the Sciences Library, are notable in their being notorious examples of the large scale edifice complex most designers have. Walking under the Bio-Med Center or up to the entrance of the Sciences Library is a dehumanizing experience. To wax rhetorical, as an alumnus writing to an alumni paper should, the values of our liberal arts University are made a travesty by most of the new buildings on campus. I am not questioning the need for new facilities for our expanding campus, only the design of them.  
DEF MICHEL '74  
Cambridge, Mass

P.S. I fear for Marston Hall with its glorious inner lobby. If the modern languages departments are all being moved to the Metcalf Labs, does that mean that Marston Hall will be "removed from the University building inventory" (I mean, be torn down)?

## 'Us affluentia'

Editor: As usual, the *BAM* is great. But it was ironic to compare Steve Cohen's somewhat desperate article on student loan paybacks ("Point of View") with the Mortimer Berkowitz demographics marketing advertisement (page 47), both in the November issue.

The ad gleefully states that we are "affluent, as you might expect, in ownership of homes, cars, insurance, investments — as

well as in other statistics of travel, hobbies, beverage intake . . ." *Beverage intake?*

But the article points out that an awful lot of us are apparently going bankrupt, which — as you might expect — obviously *won't* be too attractive to prospective real estate dealers, auto salesmen, insurance peddlers, investment brokers, not to mention the brewing companies.

Here in Washington, the banks stopped giving loans to college students when the default rate hit an incredible 33 percent. So much for selfish self-defeating schemes. Us affluentia who survive on deficit spending need an answer, but default is hopefully not it. There must be a more sensitive way to solve our Ivy League problems without trampling on the only way some people can get to school.

BENJAMIN WEISER '76  
Washington, D.C.

The writer, a reporter for the Washington Post, is also "paying off enormous educational loans." — Editor

## WBRU's professionalism

Editor: While browsing through the November issue of *BAM*, in particular the article entitled "First Impressions," I was somewhat taken aback by a small and seemingly insignificant reference to radio station WBRU. A student states, "I wanted to join WBRU-FM because I'd worked as a deejay in high school, but I discovered that it's basically a professional radio station that exists to make money, not to train students." However brief the mention, it brings to light some important misconceptions about the organization.

It is certainly true that WBRU-FM is a professional radio station. Although located on the Brown campus and staffed by student volunteers, it has a large listening audience of people in Rhode Island, Massachusetts, and Connecticut. Our sole income derives from paid commercial advertisements, which makes us more "professional" than college stations that receive funds from their schools and broadcast only to students; it also puts us in competition with area stations like WPRO and WAAF. The content of our programming must therefore serve the needs of this wide and diverse audience that we attract. Yes, we are professional.

However, it is highly inaccurate and misleading to assert that we do not exist to train

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students. In fact, the WBRU training program is a highly developed and rigorous one, to assure that the student programmer or news person on the air is capable of handling his/her tasks in the "professional" manner concurrent with our professional status in the broadcasting community. The fact is that WBRU's first and foremost responsibility is to exist as a student workshop — this incorporates a vast majority of students who have no intention of pursuing radio as a career. Financing is indeed a concern of WBRU, but training has, and always will, come first. Professionalism and training need not be mutually exclusive, as the student suggested in your article. In BRU's case, they are both necessities.

GLENN STEWART '79  
Campus

The writer is program director of WBRU.  
— Editor

## An appeal for help

Editor: Last year over 650,000 Americans died from heart attacks. Over 350,000 of these persons died outside of hospitals, in the company of friends, relatives, or unknown bystanders. According to American Heart Association estimates, at least half of these individuals could have been saved, if those present at the scene had been trained in cardiopulmonary resuscitation — CPR — and had initiated it immediately after the victim collapsed in cardiac arrest.

CPR is a technique which combines external compressions of the heart with mouth-to-mouth ventilations, in order to maintain circulation of blood and oxygen through the body of an individual whose heart and lungs have ceased functioning. Initiated promptly and performed correctly, CPR delays the onset of brain damage, thus sustaining the heart attack victim — or victim of drowning, electrocution, choking, or suffocation — until he can be treated by more advanced medical procedures.

Since the technique was standardized in 1973, more than 11 million Americans have received training in CPR, saving numerous lives.

One of the factors critical to the efficacy of CPR is the promptness with which it is initiated, after the victim's heartbeat ceases. The victim's chances for survival are dramatically compromised by seconds if he must wait for the arrival of an ambulance or rescue

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team to receive basic life support CPR. As more citizens learn CPR, the likelihood of having a trained rescuer near the emergency scene increases. As responsible individuals, therefore, we owe it to our families, neighbors, and fellow citizens to learn the skills that may someday save a life. Brown University, as an institution dedicated to the education of tomorrow's leaders, ought to set an example by assuming an active role in promoting basic life support training.

The Emergency Medical Services Corps is a new student organization, whose goal is to provide the Brown community with information and training in emergency medical care, and to reach as many students, faculty, and staff as possible with this vital knowledge. So far we have met with considerable enthusiasm from the student body. A first group of student volunteers has been certified by the American Red Cross as CPR instructors. Several hundred students have indicated their interest in learning this skill, and many others have expressed the desire to receive more extensive first-aid training.

To date, our only major obstacle has been a financial one. CPR is a relatively simple technique, which can be mastered in a few hours. However, manikin practice under instructor supervision is required to achieve and maintain proficiency in the psychomotor skills. Unfortunately, training manikins are expensive purchases. The Undergraduate Council of Students has allocated \$450 for the purchase of our one "Resusci-Anne" manikin, without which we could not have begun our training program. As long as we must rely on only one manikin, however, we are severely limited in the number of students we can train, and we will never come close to our goal of making basic life support training campus-wide, to all those who are interested.

Thus we are appealing to the friends and alumni of Brown. Your commitment to maintain the University's work and reputation as a forward-looking institution, the training ground of responsible citizens, has always been evident. Please support our efforts to provide information and training in emergency skills to the campus community. We need your contribution to continue.

Please address all correspondence and contributions to: Emergency Medical Services Corps, P.O. Box 1930, Brown University, Providence, R.I. 02912.

JENNIFER YOLLES '79  
OLIVER BATSON '80  
KEITH BEHNKE '81  
MARGARET SCHENCK '81  
JASON BERSTEIN '80  
Campus

## Attention, Mr. Mould

Editor: We'd like to extend an apology and an explanation to Mr. Mould [Carrying the Mail, BAM, October] for failing to supply him with the information he wanted last summer. The reference librarian found the



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colors of James Madison University (purple and gold) minutes after he had left the desk. A search through the library was unsuccessful; we didn't have his name but called and asked the secretary at Maddock Center to post a message to "the gentleman who . . ." Apparently the message never reached its destination. Our apologies.

ELIZABETH HUNT SCHUMANN '40  
Campus

The writer is reference librarian at the Rockefeller Library. — Editor

## Caring physicians

Editor: Your article on the family medicine program at Pawtucket [Under the Elms, BAM, November] was well written and emphasizes the need for primary-care physicians in today's society.

I object, however, to the caption on the picture. Any physician may "care about people" whether he be a primary care physi-

cian, a specialist, or a subspecialist. It is wrong to assume that only certain physicians, that is, primary-care physicians, have a true interest in their patients and care for them as persons.

HERBERT RAKATANSKY, M.D. '56  
Providence

The writer is assistant clinical professor of medicine at Brown. The inference he suggests is in the caption was certainly not intended. — Editor

## Ultralibs

Editor: I was disappointed but not surprised to note that Brown's recent graduating class entertained Mr. Paul Warnke, one of the ultralib establishment members devoted to making the United States an evermore distant second in terms of world power. When do you plan to give General Singlaub equal time?

Looking forward to the defeat of Warnke's SALT sell-out, I remain

JOHN N. McCAMISH, JR. '63  
San Antonio, Texas

Paul Warnke was invited by the University, not students, to speak at the Opening Convocation last fall. — Editor

## 'It all began at Brown'

Editor: From the vantage point of forty-two years out of Brown, I have often read the *Alumni Monthly* as I am sure my fellow alumni/alumnae have, with a sense of envy. "That course sounds interesting! Wish I were taking it." Or "That professor seems outstanding. Like to meet him/her."

And yet there is often at the same time that sense of renewed confidence in a Brown education I have known for over four decades. For the sound fundamentals of a good liberal arts background my alma mater seldom failed me. I have been there before.

It was with this feeling of *deja vu* that I read Debra Shore's excellent piece on Hyatt Waggoner and his course on William Faulkner. I'd love to take his course. But at the same time I can say that when it comes to Faulkner, Brown got to me early.


Faulkner was just a name to me when I audited a course in the Contemporary Novel given by I. J. Kapstein in 1936. He gave us a formidable reading list and suggested wistfully that we should keep it and complete it after graduation. Some of us did. He told us about *The Sound and the Fury* and advised reading the last section first if we found it incomprehensible. He discussed *As I Lay Dying* and *Sanctuary*.

And so I started to learn about Faulkner at a time when he was largely neglected. My interest climbed to fever pitch when I took a graduate seminar with S. Foster Damon on *The Structure of the Novel*. Damon had some wacky ideas, one of which was that every great work of literature could be reduced to one cogent sentence that summarized the theme. The symbolism of "S and

F" delighted him. He found left, as opposed to right, symbolic of death and when Quentin first sat on the left for a trolley-car ride and on a later trip stood up because all the seats on the left were occupied, it was because he was en route to suicide. At the end of the novel, when Benjy refused to pass to the left of the monument, it gave Damon his one-sentence thematic capsulation of the novel: "*The Sound and the Fury* is a tale told by an idiot and only an idiot would prefer life to death."

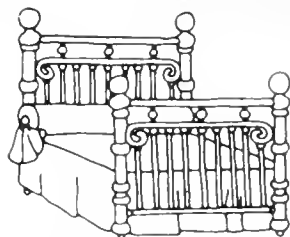
In time I came to realize that Damon was all alone in right field on this interpretation, but it is impossible to convey the intellectual excitement the man could create in his students. I could hardly wait for the next seminar each week.

From Kapstein and Damon I went on to a self-education in Faulkner and a complete appreciation of the man long before the Nobel Prize committee picked him. Now at sixty-two I find myself comfortable in any discussion of Faulkner — I can not only participate, I can contribute.



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As with so many other intellectual ex-  
citements in my life, it all began at Brown.  
ALVIN V. SIZER '36  
North Haven, Conn.

The writer is managing editor of the New  
Haven Register. — Editor

## Money, money, money

Editor: I was somewhat amused when in  
the same week I received the October BAM  
with its (admittedly delightful) four-color  
cover and a letter asking for a \$10 contribu-  
tion next year. I haven't contributed in the  
past two years and haven't decided about  
this year, but what comes next — \$25 and a  
centerfold?

ANDREW GABRIEL '76  
Pasadena, Calif.

The editor replies: For the first time ever, the  
University budget for 1978-79 requires that the  
BAM provide \$30,000 in income for the Univer-  
sity operating budget — in effect, decreasing our  
budget by \$30,000. The voluntary subscription  
income for the past three years — which has never  
totaled more than \$16,000 per year — has paid for  
the ninth issue each year. Thus we were being  
asked this year to raise almost \$50,000, of which  
\$30,000 would go into the University operating  
budget and the remainder to pay for our ninth is-  
sue.

Based on our previous experience, the Board

of Editors felt that it had no alternative other than  
to accept paid advertising and to increase our re-  
quest for voluntary support from \$4 to \$10. The  
decision was made reluctantly, but the Board felt  
it must maintain both the quality and the fre-  
quency of the BAM.

Now about that centerfold . . .

## 'Political prisoners'

Editor: Having just returned from a trip  
funded by Providence churches and the  
Board of Global Ministries of the United  
Methodist Church, I have become more  
deeply aware of the limitations on basic  
human rights faced by citizens of United  
States allied countries. Under the martial law  
rule of President Park Chung Hee, South Ko-  
reans are unable to exercise the rights of free  
speech, freedom of the press, or in any way  
criticize government foreign and domestic  
policy. One victim of such repression is  
Brown graduate Paik Nakchung ('59).

Paik Nakchung is the former presi-  
dent of a Korean publishing firm that printed  
a book translated by former professor  
Lee Yong-kui. The book, *A Dialogue With  
800,000,000 People*, is a collection of Lee's  
translations of first-hand accounts of trips to  
the People's Republic of China by about  
twenty Japanese and Western scholars and  
journalists. The authors include John Ken-

neth Galbraith, Edgar Snow, Harrison Salis-  
bury, and Alain Peyrefitte, the French minis-  
ter of justice. In November of 1977 Mr. Lee  
and Mr. Paik were taken in for questioning  
and charged in violation of South Korea's  
anti-Communist laws. Mr. Lee and Mr. Paik  
have been sentenced to three- and one-year  
terms, respectively. Both [cases] will be  
heard by a higher court this fall.

I am asking the readers of BAM to write  
letters to Robert Rich, Korea Desk, United  
States State Department, 2201 C Street  
N.W., Washington D.C. 20520, requesting  
that the United States ask the Korean gov-  
ernment to release and drop charges against  
political prisoners Paik Nakchung and Lee  
Yong-kui.

PAUL ALLAN CROMWELL '78  
Providence

Letters to the editor are welcome. They  
should be on subjects of interest to readers of this  
magazine, with emphasis on an exchange of views  
and discussion of ideas. All points of view are wel-  
come, but for reasons of space, variety, and time-  
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ceives and may use excerpts from others.

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# Under the Elms

## APPOINTMENTS:

### Seiple moves to the development office . . .

When the word got out that a press conference had been scheduled for the morning of December 14 in the press lounge at Marvel Gym, the rumors began to fly. The chief "inside story" was that Coach John Anderson was leaving to accept an offer from a major football power.

But after the coffee and doughnuts had been consumed and the strobe lights for the TV cameras had been turned on at the press conference, the person sitting front row center was not John Anderson — but Bob Seiple '65. After three and a half years on the job, Seiple was there to announce his resignation and his decision to accept the offer to become associate director of the major capital campaign being planned at Brown. Although Charles H. Watts '47, director of the campaign, has not yet disclosed the target figure, the drive, known as the Campaign for Brown, will be the largest fund-raising effort in the University's history.

Watts said that Seiple would have "major policy-making responsibilities" in the planning and management of the capital campaign and also would be in charge of the major-gifts effort and of the Brown Fund. Watts, a former president of Bucknell, noted that the Brown Fund would be particularly important in the campaign because of the decision by the trustees' committee on development to double the Fund's goal to \$14.6 million over the next five years (see story on page 10).

During Seiple's tenure as athletic director, Brown's sports program continued to prosper. The Bruins had two Ivy titles in soccer in four years and a fourth-place finish nationally in 1977. Hockey showed one Ivy championship, two seconds, and a third place nationally. In football during the Seiple era, the record showed one Ivy crown and three second-place finishes.

While acknowledging success in



Bob Seiple and his successor, John Parry (right)

these major sports, Seiple said that his greatest satisfaction came in the recruitment of staff. "I was very pleased that we were able to get Joe Mullaney to run our basketball program," he said. "He's one of the nation's outstanding coaches, and if we have a good recruiting year or two, I think he can do in basketball what John Anderson has done in football. I feel the same way about Bill Cullen, our new tennis coach, and Dave Roach, the coach of women's swimming. They are all outstanding additions to our athletic staff, and I would have enjoyed staying with them and their programs.

"There are many good people in athletics today. Great human beings. And I think our staff, right down the line, is blessed with these people. When you have a good staff, and when that staff is able to sell Brown as this staff has done, then you can cover a multitude of sins — such as modest budgets. And when you work in this sort of environment, you don't just pick up and leave without having some regrets."

Seiple is quick to give credit to the



John Parry (2)

University administration for the recent success of the athletic program. "Operating under three presidents and two financial vice presidents, I never had a 'no' given to me on a request," he said. "When you have this support, you can do things other colleges are not able to do."

Richard J. Ramsden '59, vice president for administration and finance, feels that Seiple earned the support of the administration. "I think that on the athletic field Bob probably did more with less than anyone in the league. I also think he got as big a bite out of his budget as could be expected. His requests were always reasonable and well documented. In short, Bob Seiple established fiscal credibility with the administration."

There was one goal that Seiple wasn't able to achieve. He had high hopes of seeing a hole dug at Aldrich-Dexter Field for the student recreation center. Ironically, he may be able to contribute more to this cause in his new position than he could as athletic director. J.B.



## **. . . and Parry becomes athletic director**

The nine-member advisory committee for an athletic director, headed by Bernard V. Buonanno, Jr. '60, an alumni trustee, moved quickly. On December 22 the group met and debated the key question: do you hire from within or do you conduct a nationwide search? To settle the question, the committee agreed to meet on January 3 and interview each of Brown's three associate athletic directors — John Parry '65, Arlene Gorton '52, and Richard Sardella. From the start, President Swearer took a personal part in the selection process, meeting privately with each candidate and then talking to all of Brown's coaches and other members of the athletic department.

"After our interviews on January 3, the committee came away with the feeling that all three candidates had excellent qualifications and that there was absolutely no need to expand the search," Buonanno said. "We sat with the president that same afternoon, and the dominant feeling was that Parry was number one."

The announcement of Parry's selection came two days later, at which time Mr. Swearer said: "Brown's athletic programs have fared well over the last several years, and John's appointment should provide for continuity and a smooth transition. With his experience as associate athletic director, he has a thorough knowledge of Brown's programs and personnel. His experience in all aspects of athletics, his well-developed management skills, and his ability to work with people make him highly qualified for this position."

John C. Parry IV came to Brown from Marcellus, New York, and, like his predecessor, Bob Seiple, was a brilliant athlete during his college days, competing in football, basketball, and lacrosse. He was one of the finest pass receivers in Brown and Ivy League history, setting five Brown and six Ivy records.

Parry, who was co-captain of the 1964 Bruins, was a two-time All-Ivy end and was first-team All-East and honorable mention All-American.

After graduation from Brown, Parry attended the University of Pennsylvania's Wharton School of Finance and Commerce, receiving his master's degree in 1967. While at Wharton, he was assistant manager for student employment and organized a nationwide alumni-aid program for undergraduates. He graduated with the "burning desire" to own and operate his own company, something Parry terms "a typical M.B.A. attitude."

After spending three years with IBM, Parry realized his Wharton dream when he co-founded and became vice president of Instant Data, Inc., a Philadelphia firm that specialized in the design and implementation of on-line computer-based admission, student registration, and alumni information systems.

"We took over a one-quarter-million-dollar firm with ten employees and turned it into a million-dollar company with twenty-five employees," Parry says. "Unfortunately, our firm was undercapitalized, and when the parent company went into bankruptcy in 1974, it took its eleven subsidiaries with it. This smashed a dream, in a sense, but on the other hand, if the firm had been saved, I wouldn't be athletic director at Brown today."

Parry worked briefly for the Ite Corporation in Philadelphia and then was appointed assistant athletic director at Brown in 1975. When Bob Seiple hired Parry, the move brought together two men who had been close friends since their freshman year. They were roommates at Brown, teammates on the football team for four years, and fraternity brothers. After graduation, they both hopped a steamer and took a trip to Europe.

"John was invaluable in the new administrative organization of the athletic department," Seiple says. "He

spearheaded the day-to-day implementation of all intercollegiate programs for both men and women. In addition, he was an excellent sounding board for me on all aspects of athletic administration. I value his judgments and will continue to solicit them in the future."

The thirty-five-year-old Parry admits with characteristic frankness that his decision in 1975 to leave the business world and return to Brown hurt him financially. "I took a 50-percent cut in salary to return to Brown, which really wasn't fair to my family. [Parry is married to Anne Brodhead, Penn '67, and they have two daughters, Alyson, 9, and Jennifer, 7.] It's a tribute to my wife that she understood. I had a personal commitment to stay for three to five years, at which point I hoped to become an athletic director, not necessarily at Brown. If this didn't work out, I planned to go back to business."

As might be expected where the athletic director and the assistant had worked so closely on the job, Parry sees little change in the school's athletic program. "The changes will be in style, not substance," he says. He said he will continue to support Brown's commitment to a broad-based athletic program and that he will not be looking for any "loopholes" in Title IX. "We need to provide more for the women, principally in terms of full-time coaches," he says.

The first major goal for Parry is to push ahead with the concept of a new student recreation center at Aldrich-Dexter. He stamps this as "a top priority item" and points out that it will be for all members of the Brown community — students, faculty, administration, and alumni. "It will be a coming-together place where all of us can get to know each other a little better," he says. "I personally think this building is essential to Brown's future."

J.B.

## FUND-RAISING:

### Brown Fund to seek \$14.6 million in five years

Although she had been secretary of the New York Brown Club and a Pembroke class officer, Christine Dunlap Farnham '48 did not get involved in fund-raising for Brown until she served as reunion gift chairman for her class's 25th reunion. (The goal was \$25,000; the class raised \$34,000.) Robert P. Sanchez '58 agreed several years ago to serve as a class agent, later became head class agent, and in the process, got "more and more involved with Brown."

This year, Bob Sanchez and Chris Farnham are co-chairmen of the Brown Fund, and the two of them are involved in their most important fund-raising project yet: raising \$2,225,000 to meet the 1978-79 goal. The drive this year is particularly crucial, since it is the first year of a recently announced program to raise \$14.6 million in unrestricted gifts for current operations and to bring the Brown Fund to a minimum of \$3.7 million annually by 1982-83.

"Five years ago," says Sanchez, "the Brown Fund began a program to establish a whole new base of annual support for the Fund. We have been successful in that effort [setting four successive records, the Fund has grown from \$727,000 in 1974 to \$1,866,000 in 1978]. . . . This first year of our new effort is pivotal. Our goal is a stretching, 19-percent increase over our record total last year, and it is critical that we take a big leap in this first year of our new program."

After pointing out that the Brown Fund each year seeks unrestricted gifts for core program needs such as faculty compensation, library acquisitions, financial aid, athletics, and other programs and services essential to the University, Chris Farnham says: "Such core support is absolutely vital to Brown. The importance of the Brown Fund is underscored when one realizes that the \$3.7-million objective we seek to reach by 1983 represents the equivalent income from some \$70 million of endowment Brown does not now have. The funds must be raised to enable Brown to extend the programs from which it has gained its distinction."

One of the key factors in the success of the Brown Fund has been the reunion giving program begun in 1974. Reunion classes (those holding five-year



John Foraste (2)



Brown Fund chairmen Robert Sanchez and Chris Farnham.

reunions) last year contributed \$417,796 of the Brown Fund total. "We are especially looking to the reunion classes to lead this new effort," says Chris Farnham. "We are also anticipating a sharp increase in both the number of donors to the fund and in the size of individual gifts. This *must* happen if we are to reach our objectives for Brown."

The kickoff for reunion class giving came in November. Under this program, members of reunion classes are asked once every five years to make a substantially larger gift to the Brown Fund — gifts ranging from three to five times the amount customarily given. Curtis F. Kruger '53 and Phyllis Baldwin Young '45 head the alumni and alumnae reunion giving committees.

Phonothons were held during the fall in Providence, New York City, Boston, Philadelphia, and Stamford, Connecticut. Class agents will conduct their campaigns this spring.

Through it all, more than 3,000 volunteers will be working to meet the goal. It may well be that they would agree with Bob Sanchez: "As I became more involved with Brown, I became impressed with the quality of life and education at Brown. The only way to keep that quality is to involve people who care through fund-raising." R.M.R.

## IN THE NEWS:

### CIA will neither confirm nor deny any Brown ties

When President Emeritus Barnaby Keeney disclosed last fall that he had worked with the CIA during his tenure as Brown's president (Under the Elms, BAM, December), the news caused ripples of surprise and concern both on campus and in the larger community. The Rhode Island ACLU wrote to President Swearer expressing its concern that CIA involvements at Brown could have a "chilling effect" on academic free speech and student-faculty interactions, and demanding that the University investigate any possible ties by members of the Brown community with the CIA. Meanwhile, Mr. Swearer wrote to CIA director Stansfield Turner requesting information on any past or current CIA activities on campus.

In a three-page letter dated December 6, Turner declined to reveal any such information, beyond assuring Mr. Swearer that Brown was not one of the universities involved in research related to Project MK-ULTRA, whose purpose was "to identify materials and methods useful in altering human behavior patterns." The CIA recently uncovered thousands of internal documents relating to Project MK-ULTRA which "contained fragmentary information regarding the identities of academic researchers and U.S. academic institutions involved in these activities . . ."

course of reviewing these documents," Turner wrote, "we arrived at the unhappy realization that in many cases the involved individuals or institutions, or both, were not informed at the time that the research was connected in any way with the CIA. Accordingly, the Agency felt obliged to notify those institutions."

Turner went on to assure Mr. Swearer that "this Agency now enters into no classified and unclassified contracts and other arrangements with any U.S. college or university without first making senior management officials of the institution aware of CIA's sponsorship." Brown's own policy bars classified research under University auspices and stipulates that all research contracts be made public.

However, Turner refused to disclose any information on "possible past or existing relationships which the Agency may have in general with individual members of the Brown community." Such individuals would be free to inform the University of their CIA ties if they chose to do so; but the Agency would not "violate these individuals' right of privacy" and risk subjecting them to possible "harassment by activists on their campuses," nor did it wish to "deprive the government of ever securing their valuable services and often otherwise unavailable expertise" by revealing their CIA relationship.

"There is an additional reason for my reluctance to comment on the general question of past or present CIA activities at Brown," Turner continued. "If I assured you, on the one hand, that there are no current relationships between the CIA and any member of the Brown community, I should have to add that the same might not be true in the future. On the other hand, even if I were to advise you that there have been such relationships I simply could not reveal what they are or who has been involved. . . . Furthermore, if my answer became generally known, it could have the potential effect of inspiring unfair suspicions, recriminations, and even possible 'witch-hunts' such as your school would certainly not wish to experience."

"In short," Turner concluded, "insofar as past or present individual relationships with the Brown community are concerned, I must adhere to the position of neither affirming nor denying their existence." J.P.

## CELEBRATIONS:

### 'A time of rejoicing'

The class orator at Brown's commencement exercises in 1877 gave a speech so filled with inspiration and eloquence that, as a result, he received an offer to teach at the Natchez Seminary in Mississippi. That orator was Inman Edward Page, the first black man to receive a baccalaureate degree from Brown University. Page went on to a long and illustrious career as president of Langston University in Oklahoma City for seventeen years and later as supervising principal of the secondary school system there.

Last November, in a two-day celebration to commemorate the centennial of Page's graduation, a group of black administrators and faculty members known as the Sankore Society brought another gifted orator to Brown.

Benjamin Hooks, executive director of the National Association for the Advancement of Colored People, former lawyer, public defender, judge, and minister, in no way disgraced Page's memory as an eloquent orator. Hooks had a message, and he sent it out with

fervor: How soon we forget. "In 1949," he said, "I went back to Memphis to begin the study of law, but there was no place in that city, county, or state for a black person to embark on the study of law. So I had to go to Chicago, which was the closest place a black person could study. I was urged to stay there, but I had decided to go back to Memphis. When I went to the courthouse, I never received the courtesy of a title. When I went to the jail to consult with my clients, they treated me like a criminal. They said I couldn't use the law library, and I cannot describe the anger I felt. It made me feel that the guards of Justice at the entrance somehow lifted that blindfold when it came to blacks and to the poor."

"Sixteen years later I went back to Memphis," Hooks continued. "I entered the judge's chambers and took off my coat and put on a black robe. I walked not in front of the bench, but behind it, and I was aware that the seat I was taking had been held by a judge who had never wanted a black man to practice law. That day, though I had heard it for sixteen years, the bailiff sounded like he had never sounded before. When he said, 'Take your seats,' I

*This watercolor sketch is the preliminary study for a portrait of Inman Page.*



John Forasté

said, 'That's right, 'cause I'm in charge here.' I'm reminded all over again how soon we forget where we've come from." Hooks was warning to his listeners, his voice ringing out.

"Do you know that a prominent journalist, a syndicated columnist, was teaching as a visiting lecturer at a major university and there were sixteen young black students about to graduate in journalism there and he asked them — he was talking about how to interview celebrities — 'How would you interview Rosa Parks?' and not one of those sixteen young people about to go into journalism knew who Rosa Parks was?" Hooks's voice was incredulous. "I wish I could describe to you young people how much courage it took on a dark night in Montgomery, Alabama, in the face of all the authority in America, to say, 'I am not moving back. You can take me off this bus. You can put me in jail, but I am not moving back.' How soon," Hooks shook his head, "how soon we forget.

"We have a crisis in America today," Hooks said forcefully. "It is a crisis of the spirit. There's a meanness, a racism, a fascism that is sweeping this country like a fire in a forest." In 1968, Hooks said of the Bakke case, the 116 medical schools in the U.S. admitted 8,500 students, less than 275 of them black. Over half of the black students went to two traditionally black medical schools — Howard and Meharry — so that 114 white medical schools admitted less than 150 black students, according to Hooks. By 1976, he said, when over 850 black students were admitted, the total number of first-year enrollments had risen from 8,000 to 14,000. "That's 6,000 more students," Hooks emphasized, "and now they're talking about reverse discrimination. They give a new team the first draft pick not just to strengthen that team, but to make the whole league better. I maintain that just as the doors were closed, we have a right to see that those doors are opened.

"I was driving alone somewhere in Pennsylvania," Hooks recounted, "and I saw a long line of people. I said, 'What are those people waiting for?' and they told me, 'They're waiting for checks.' I said, 'Checks? Why, I belong on that line!' and they said, 'No, you don't. There was a flood here.' And I said, 'I don't see a flood,' and they said, 'Well, you don't see it now; it happened a couple of weeks ago,' and I maintain we're still paying for what happened a

long time ago. In 1978 we stand before the seat of Justice with an uncashed check in our pocket, signed in the blood of our martyrs and drawn on the name of Democracy. America, we want that check cashed, we want it cashed now, and we don't want to hear anything about insufficient funds. That," said preacher Hooks in a rousing finish, "is our cry."

Following Hooks's fiery address, which had brought murmurs of assent from the audience, J. Saunders Redding '28 rose to unveil a watercolor sketch of Inman Page, the preliminary study for a portrait to be hung in the lobby of the Rocketteller Library. "One knows what to say at a wedding or a funeral," Redding mused, "but what does one say at a resurrection? — and this is a resurrection, a time of rejoicing." D.S.

## **SOUTH AFRICAN DIVESTITURE: An advisory committee on investment policy**

The wheels of the Brown bureaucracy have ground one step closer to establishing a permanent Advisory Committee on Corporate Responsibility in Investment (Under the Elms, BAM, December). At its December 5 meeting, the faculty voted unanimously to approve an amended motion to establish such a committee, and the Corporation's Advisory and Executive Committee approved the proposal at its January meeting.

The proposal calls for a committee consisting of three faculty members, three students, and three alumni — the faculty to be elected by the faculty, the students (two undergraduate and one graduate) elected by students, and the alumni named by the President in consultation with the Board of Directors of the Associated Alumni. The committee's charge "shall be to consider ethical issues in the investment policies of Brown University and to consult with and make recommendations to the Proxy Committee of the Corporation which, in its considered judgment, would best serve the interests of the University."

To that end, the proposal states, the committee will "examine all proxy resolutions that are presented to the University as a shareholder in any company and decide which proxy actions represent significant questions of an ethical nature where 'social harm' may be a fac-

tor. Social harm . . . shall be defined as: the harmful or inhumane impact which the activities of a company or corporation have on consumers, employees, or other persons, particularly including, but not restricted to, deprivations of life, health, safety, or basic freedoms."

If the committee decides that a proxy or other investment issue raises a significant question of social harm, it may recommend a variety of courses of action — including voting proxies to reflect the University's position, making the University's views public and in other ways exerting pressure on the company concerned, and/or divesting itself of its shares in the company. Bearing in mind the need for a sound financial policy and the Corporation's legal responsibility for the University's fiscal stability, divestiture would be recommended as a last resort only if no other measure seems effective, or if "the company in question contributes to social harm so grave that it would be inconsistent with the goals and principles of the University to accept funds from such sources."

The original motion, as drawn up by the *ad hoc* Student-Faculty Committee on Corporate Responsibility in Investment Policies chaired by history professor William McLoughlin, proposed that the Corporation allow three members of the advisory committee to attend meetings of the Proxy Committee as non-voting participants, and asked the Corporation to permit the Proxy Committee to consider recommendations from the advisory committee on "pertinent issues of University investment in addition to . . . proxy issues." Both items were voted down at the faculty meeting in favor of an amendment proposed by economics professor George Borts and engineering professor John Savage that the committee's charge be simply "to consider ethical issues in the investment policies of Brown University" and "to consult with and make recommendations to the Proxy Committee."

Borts explained that the amendment was designed to protect the autonomy of the Proxy Committee and to prevent the faculty from asking the Corporation to amend its by-laws (in its charge to the Proxy Committee). McLoughlin objected that the Proxy Committee and the advisory committee should work together as closely as possible, and the point was made that the Corporation has in the past asked the

faculty to change *its* by-laws. The motion was amended nonetheless. However, Borts's and Savage's motion to delete all references to "social harm" — substituting "ethical issues" — was defeated.

The proposal now goes before the full Corporation at its February meeting.  
*J.P.*

# Sports

## THE TEAMS:

### Winter roundup

People smiled and looked the other way when Coach Dave Roach told just about anyone who would listen that his **women's swimming** team would make a substantial splash this winter. It is generally conceded that first-year coaches are allowed a certain amount of chest-pounding prior to the start of their first season. And why not? Usually, the honeymoon is over soon enough.

For Roach, the honeymoon is still not over — and this is his second year. The record shows three convincing victories, a heart-breaking loss to powerful Yale, and fifteen of the women's twenty-two swimming records smashed in the pool.

Co-Capt. Gretchen Fricke, a sophomore from Wilton, Connecticut, who won All-American honors last year in the 200 individual medley, has now set records in the 200 and 1,000-freestyle events and the 200 IM while also swimming on record-breaking teams in the 200, 400, and 800-freestyles.

Two freshmen have also had a hand in the rewriting of the record book. Pam Heggie, of Cleveland Heights, Ohio, has set new marks in the 50, 100, and 200-breaststroke and the 100-freestyle and has been on three record-breaking relay teams in the 400-free and the 200 and 400-medley. Pam competed in the 1976 Olympic trials in the 200-breaststroke and was also entered in the National AAU Senior Championships while in high school.

The other first-year swimmer is Lori Pride, of Cranston, R.I., a qualifier in several events in the AIAW a year ago. At Brown she has set records on the 50 and 100-backstroke and is a member of the 400-medley relay team that established a new women's mark.

Roach is a 1971 Springfield College graduate who competed on teams that won three consecutive New England

championships. He came to Brown from New Mexico State, where he had been assistant coach of the men's swimming team.

In recent years, the knock on the Brown men's **hockey** team was its defense — or lack of defense. No more. First-year coach Paul Schilling quickly settled on a four-man rotation that allowed the opposition less than four goals a game through the first half of the schedule and made life easier than expected for All-American goalie Mike Laycock and his alternate, Mark Holden.

Senior Mike Mastrullo is the old timer of the defensive corps. Skating with him are two sophomores who received their baptism of fire last season, John Slonim and Kevin Lovitt, and a freshman, Darrell Petit, whose dad, Art Petit '53, was a member of the 1950-51 Brown team that advanced to the finals of the NCAA tournament at Colorado Springs.

"If we had six defensemen and I could rest the four starters once in a while, they would be having even better years," Schilling said. "As it is, I have to keep them in all the way, including power plays and times when we are operating short because of penalties. But if we win the Ivy title, I'm going to raise a toast to the defense. They are the ones who will have done it."

The Bruins were making their best move toward the Ivy title in several years, racing off to a 4-0 start with victories over Cornell, 7-5, Yale, 4-2, Harvard, 2-1, and Princeton, 9-3. Brown continued its hex on Yale, which hasn't won a game in Providence since 1961.

Just as Yale seldom wins at Providence in hockey, Brown almost never comes home victorious from New Haven in **basketball**. This year was the exception. In a topsy-turvy contest that wasn't diagrammed for the faint of heart, Brown outlasted the Elis, 64-63, and gave first-year coach Joe Mullaney an early Christmas present.

Yale, with one of its finest teams in recent years (they had knocked off Connecticut, New England's number-two team, previously), was a heavy favorite and seemed well on the road to victory with a 44-34 lead and only 17:22 remaining. Then the Bears ran off 11 straight points, took a 45-44 lead, and upped it to a seemingly comfortable 64-53 with six minutes left. But Yale caught fire, scored ten quick points while Brown was going scoreless (and

missing on six one-and-one situations) and almost pulled it out when a jumper hit the rim at the gun.

"Someone came up to me after the game and said, 'The issue was never in doubt, Joe,'" Mullaney said the next day. "I told him I wish I had his confidence. To me it was a bench-squirmier."

## Scoreboard

(December 4 to January 2)

### Men's Basketball (3-8)

Davidson 75, Brown 58  
Brown 57, Fordham 54  
Brown 64, Yale 63  
Marquette 57, Brown 49  
Brown 69, Providence 60  
Rhode Island 73, Brown 51

### Men's Hockey (8-6)

Brown 4, Yale 2  
Brown 2, Harvard 1  
Brown 9, Princeton 3  
St. Louis 7, Brown 4  
St. Louis 5, Brown 2  
Brown 12, McGill 1  
Vermont 4, Brown 2  
Bowling Green 6, Brown 1  
Brown 7, Harvard 3  
Brown 5, Providence 3

### Men's Swimming (2-4)

Navy 62, Brown 51  
Brown 76, Springfield 37  
Brown 81, Connecticut 32  
Harvard 79, Brown 34  
Princeton 80, Brown 33

### Men's Track (1-3)

Brown 85, Boston College 51  
Rhode Island 57, St. John's 56, Brown 49

### Wrestling (1-5)

Boston College 21, Brown 12  
Plymouth State 24, Brown 16  
Hartford 26, Brown 23  
Worcester Polytechnic 36, Brown 11

### Women's Basketball (4-4)

Brown 66, Fitchburg 41  
Brown 60, Boston College 44  
Brown 61, Southeastern Massachusetts 59  
Brown 71, Westfield State 59  
Connecticut 73, Brown 23  
Providence 52, Brown 29

### Women's Hockey (2-5-1)

Boston College 7, Brown 4  
Brown 5, Wesleyan 1  
Brown 4, Harvard 4  
Boston University 3, Brown 1  
New Hampshire 11, Brown 0  
Boston State 9, Brown 2  
Brown 4, Dartmouth 3

### Women's Swimming (4-1)

Brown 75, Southern Connecticut 56  
Yale 68, Brown 63  
Brown 91, Rhode Island 40  
Brown 76, Boston University 55  
Brown 93, Harvard 38

# From Babylon to Brown:

## the Department of the History of Mathematics

By Debra Shore

**L**et there be no mistake. The Department of the History of Mathematics at Brown University is, by any name, an anomaly. It is, except for privately endowed Egyptology, the smallest department in the University, yet it is world-renowned. Its four faculty members, Professor Emeritus Otto E. Neugebauer and Professors Abraham Sachs, Gerald Toomer, and David Pingree, are among the most distinguished scholars in the country, yet many people at Brown have never heard of them. Its home is in Wilbour Hall, a building made conspicuous only by the overpowering Rockefeller Library next to it; yet Wilbour Hall remains solidly on the corner of George and Prospect Streets largely because of Otto Neugebauer's reputation. (The original plans for the Rockefeller Library called for the demolition of Wilbour Hall. It was rumored that, in the event, Otto Neugebauer would leave Brown. The Rock went up — and Wilbour Hall stands firm today.) Finally, Brown's History of Mathematics Department is the only one in the world devoted to the study of the original sources for the history of mathematics and astronomy in antiquity and the Middle Ages. The story of this prestigious department at Brown begins with Otto Neugebauer.



*Otto Neugebauer in his office at Brown.*



Photographs by John Foraste



As a young man in the early 1920s Otto Eduard Neugebauer studied mathematics and physics at the University of Graz in his native Austria and at the University in Munich. For doctoral work he moved to the University of Göttingen in Germany and while there picked up a copy, newly translated into German, of *History of Egypt* by James Henry Breasted, who was later to become the founder and first director of the Oriental Institute in Chicago. Breasted's was one of the first books written for a popular audience describing man's rise to civilization in the nurturing delta along the Nile in Egypt. "The fact that man possessed the capacity to rise from bestial savagery to civilization, at a time when it had *never before been done*, is the greatest fact in the history of the universe as known to us," wrote Breasted in a later foreword. "For this amazing new capability, transcending merely physical development and the evolution of more efficient organs, disclosed a kind of buoyancy of the *human spirit*, never before displayed in the history of life on our planet."

Young Neugebauer was stirred, quickened by the mysteries of ancient Egypt. Archaeological excavations unearthed new works almost daily — Tutankhamen's tomb was pried open in 1922. The system of Egyptian hieroglyphs was being deciphered and Babylonian cuneiform tablets had begun to appear. Neugebauer wandered over to the Egyptology department at Göttingen and asked if he could study there. And a marriage of more than fifty years' duration was made. Like the "join" made when the portions of a cuneiform tablet that has been split are brought together again so that the whole text can be seen, Otto Neugebauer applied his sophisticated knowledge of mathematics and physics to a study of the ancient texts — and through this "join" of disciplines, the whole picture of ancient mathematics and astronomy began to unfold. Neugebauer's doctoral thesis, completed in 1926, was on Egyptian fractions.

While he continued his studies in Egyptology, Neugebauer taught mathematics at the University of Göttingen. "One could really choose what one wanted to do," he says. "European universities were far less standardized and you weren't pushed into some so-called program. That they had freedom was a great help to people." Neugebauer became editor-in-chief in 1931 of a new international review journal for mathematics, *Zentralblatt für Mathematik*, published by Springer in Berlin. In 1934 Neugebauer emigrated to Copenhagen, where he became a professor of mathematics.

Some years earlier, while still a graduate student, Neugebauer had spent a year in Copenhagen as assistant to Harald Bohr, director of the Mathematics Institute. At that time a book titled *The Rhind Mathematical Papyrus* was sent for review to a mathematics journal published in Copenhagen. "Bohr said to me, 'Why don't you review it?' because he knew I was interested and knew a little

Egyptian," Neugebauer recounts, "so I read it." This Egyptian mathematical papyrus, significantly for Neugebauer's future, had been translated by Arnold Buffum Chace of Brown University, assisted by Henry Parker Manning and Raymond Clare Archibald, also of Brown.

**A**t the same time, however, the very first scientific cuneiform texts had begun to appear in published form. Cuneiform refers to the form of writing developed by the inhabitants of ancient Mesopotamia. These wedge-shaped figures incised by a reed or wooden stylus on a tablet of wet clay have proven to be the most durable remnants of Mesopotamian civilization. Hundreds of thousands of these tablets were inscribed from roughly 3000 B.C. to the beginning of our era. Some were letters; others recorded business transactions. Some were written laws or religious texts; others contained highly detailed calculations of the movements of the planets. By the 1890s thousands of these tablets had been unearthed — both by professional excavators and by local builders hunting for baked bricks — and many of them had been bought by museum curators and private collectors.

Intermittently from the late 1870s to the 1890s, a German Jesuit priest named Johannes Strassmaier made copies of many of the cuneiform tablets then in the British Museum, carefully transcribing the cuneiform script onto paper from which the text could be studied. Many of the tablets that Strassmaier copied were astronomical texts — that is, documents containing computations of the motions of the planets or explanations of the procedure for making such computations.

At Strassmaier's urging another priest, Father Joseph Epping of Quito, Ecuador, began studying these astronomical texts. (It should be noted that "text" throughout refers to the *content* of the tablets or manuscripts, and the decipherment is done from photographic or hand copies of the originals.) In 1881 Epping and Strassmaier published an article in a Catholic theological journal that presented the first decipherment of the astronomical tablets. In their work, the priests made several important discoveries concerning the nature and relation of Babylonian mathematics and astronomy. Epping died in 1894. His successor, a Father Kugler, continued between 1900 and 1924 to publish copies of astronomical texts that Strassmaier had excerpted from his voluminous notebooks. It was these texts that came to the ready attention of Otto Neugebauer.

"The German Jesuits had cracked the essence of the astronomy," Neugebauer says, "and my own work was a continuation in that field. But in the mathematical area, one of the scholars had not the faintest idea of what he was editing and the few things that had been said were entirely wrong." In matters of ignorance Neugebauer gives no quarter. "Precisely as your knowledge of French doesn't help you a damn thing in under-



standing French mathematical treatises, or for that matter in English, so the early reader of these cuneiform texts who knew Akkadian could not understand the mathematics. 'Field' has nothing to do with where you grow potatoes. It has a precise mathematical meaning in English. So your knowledge of language is by no means sufficient to understand a scientific text, just as I cannot understand an English lawyer.

"The numerical system had not been understood," Neugebauer says, describing the few existing studies of Babylonian mathematics in the 1920s and '30s. "The numbers could be read easily enough, but how they were to be *handled*, how they were used to *compute*, was not understood, and what had been done was completely maltreated. You cannot simply verbatim translate," he says sternly. "You must understand whole concepts. The Middle Ages were full of people who didn't understand texts and translated word for word, and you get gibberish.

"The most unexpected thing," Neugebauer says of his own work, "is precisely the understanding of the Babylonian mathematics. One had no idea what these things meant. This is the essential point, that one has really a new field and can understand it. As far as the *contents* are concerned and their role in historical development — that was what was really entirely new."

To some extent it is difficult to convey the magnitude and special nature of Otto Neugebauer's contributions to the history of mathematics. "Otto Neugebauer didn't come to virgin territory," his colleague Abraham Sachs explains. "A certain amount was known. One had to go back to the original documents. When a field reaches a certain level of understanding and is using original documents, that level of understanding is reflected in the editing of those documents. So if someone is looking at a horoscope and doesn't know how to compute, then their translation will be incorrect. Otto Neugebauer dug up large masses of documents that were either uncatalogued or were catalogued but no one had done anything with them. His penetration has made everything completely new."

Between 1935 and 1938 Neugebauer published a three-volume edition of Babylonian mathematical texts, thus making available in published form copies of all the mathematical cuneiform texts then known and commentary on the mathematics they contained. He discovered, for instance, that the algebra used by the Greeks was known to the Babylonians 2,000 years earlier. In geometry, the famous theorem regarding right triangles that we know by Pythagoras's name ( $a^2 + b^2 = c^2$ ) was known to the Babylonians 1,400 years before Pythagoras's time.

It was a monumental survey, but for Neugebauer these mathematical texts were merely a prelude. Astronomy beckoned. "The fact that you had a fairly sophisticated Babylonian mathematics

meant you had an extremely clever and far developed astronomy — very detailed theories of planetary motions and lunar motions. In Egypt there is *no* mathematical astronomy whatsoever, only a little mythology. From a scientific viewpoint it is very primitive. The approach is utterly simple-minded with no attempt at following up these things numerically. It *was* astronomy."

*The master scholar, Otto Neugebauer, at work.*



Neugebauer says dryly, "because they dealt with measurement of time and the rising and setting of stars through the year. The Babylonian stuff is *straightforward* astronomy in the strictest sense: the computation of the motions of the planets."

In 1939 the journal Neugebauer edited was forced to introduce "the so-called Aryan paragraph," he says, "which was that all collaborators not of a certain persuasion . . ." Neugebauer resigned — he would brook no political interference with his editorial management — and he prepared to come to the United States to continue publishing *Mathematical Reviews* under the auspices of the American Mathematical Society. At that time Roland G. D. Richardson, first dean of Brown's graduate school, served as secretary of the American Mathematical Society; Brown had a very good mathematical library including many works on the history of math collected by Raymond Clare Archibald; and Archibald himself, an editor of the *Rhind Papyrus* and noted historian of mathematics, was at Brown. All these factors conspired to bring Neugebauer to Providence, and he joined the Brown faculty as a professor of mathematics in 1939.

Meanwhile, Otto Neugebauer recounts now, "More texts came out, and I began to get texts from Berlin and London." Neugebauer went to the Oriental Institute in Chicago, long the center of Assyriology and Egyptology studies in the U.S., to look at additional texts. "One has always to do things in person," Neugebauer comments, "be-

cause museums are difficult to work with and sit on things . . . It is always a major problem to get access to the text material. Nobody knows what is still around anyplace. There is certainly much in Baghdad and Turkey with no access. The modern nationalistic attitude has damaged our access to texts immensely."

**O**n one of his visits to the Oriental Institute, Neugebauer met a young scholar who had recently completed his Ph.D. in the study of the ancient Near East at Johns Hopkins University. Abe Sachs remembers their meeting: "I worked for two years in Chicago on the dictionary project [the monumental effort by many Assyriologists to compile a dictionary of Akkadian, the principal language of ancient Babylon]. I started to read a book on ancient mathematics that Professor Neugebauer had written in German and I got stuck somehow on page 17 or 18. I put the book away and several weeks later Neugebauer, who'd been lecturing in Michigan, stopped through and I met him and asked him my question. Neugebauer sat down with me and in a couple of minutes I saw what the difficulty was. I invited him for dinner at my one-room apartment with another guy and we had fun. I was surprised to hear from him a few weeks later — it was really very unexpected — saying that he'd stopped off to talk with the Rockefeller Foundation people. He



Abe Sachs, with a cuneiform tablet and meticulous hand copies of the texts.

was offering me a fellowship to come and work with him." Abraham Sachs joined the mathematics department at Brown in 1941.

Neugebauer and Sachs immediately went to work transcribing and translating mathematical cuneiform texts found in American collections, chiefly at Yale and the University of Pennsylvania.

The two men, in fact, approached the material with opposite backgrounds: Neugebauer had mathematical training but was virtually self-taught in languages; Sachs had been trained in ancient languages and picked up the necessary math as he went along. "The mathematics and astronomy were precisely the two aspects of this ancient society that I knew nothing about," Sachs recalls. "Most of the people today who are cuneiformists don't know anything about math and astronomy and the cultural block was, 'I can't even balance my checkbook, so how could I understand that stuff?' The cuneiformists would shy away from math just as women used to." Yet as Neugebauer had realized from the start, it was only because he knew mathematics that he was able to apprehend correctly the Babylonian mathematical system.

"The Babylonian sexagesimal number system gave them a tremendous advantage," Sachs says, "because they learned how to express any number, no matter how large or how small, with the same notation — just as we can with the decimal system. Their base was sixty, not ten, but they could represent a very, very small number, too. In the case of the Greeks or the Romans, there is no way to represent a minute fraction because you run out of symbols. Think of writing eight trillion with Roman numerals, such as  $\lambda$ , D, C, L, etc., and think of multiplying it by something else. You can't do it. But why the Babylonians developed such an astronomy nobody can answer. There were some very clever people. . . ."

In 1945 Neugebauer and Sachs published *Mathematical Cuneiform Texts*, the first fruit of their collaboration in what was to become a small but precious grove. A supplement to Neugebauer's earlier three-volume work, this book was dedicated to Raymond Clare Archibald.

**T**wo years later, on January 7, 1947, President Henry Wriston announced the establishment of a new department at Brown University: History of Mathematics. Its principal research objectives, he said, were the study of ancient astronomy in its relations to mathematical disciplines and to the history of civilization. Otto Neugebauer was named professor and chairman of the department and that same year he was selected for membership in the American Philosophical Society, one of the world's most prestigious learned societies.

Meanwhile Neugebauer was not content merely to unravel the secrets of Babylonian mathematics and astronomy. His interests spanned the ancient world from Egypt to Greece and back again. He wanted, for instance, to study Egyptian astronomical texts. On another trip through Chicago in the 1940s Neugebauer stopped by the Oriental Institute and asked a young assistant professor of Egyptology, whose first publication was on the calendars of ancient Egypt, to help him. Richard Parker collaborated long-distance with Neugebauer for several years, collecting and in-

interpreting Egyptian texts, these being in the form of papyri rather than clay tablets.

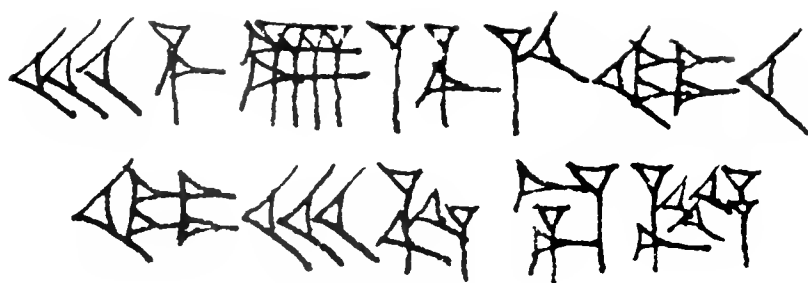
In 1947 Parker was made field director of the Oriental Institute's Epigraphic Survey in Luxor, Egypt. It was a plum of a job, the expedition then being halfway through recording the great mortuary temple of Ramses III at Medinet Habu. That same year, however, Brown received \$750,000 from the estate of Theodora Wilbour to establish and maintain a department of Egyptology in memory of her father, Charles Edwin Wilbour 1854. President Wriston had heard that the collateral Wilbour heirs intended to challenge the will. Wriston rushed into action and called Neugebauer. "Otto," he said, "find me an Egyptologist." Neugebauer turned immediately to Parker, who was about to depart for Egypt. Parker did go on to Luxor, but Henry Wriston would not give up without a fight. So, in 1948, Richard Parker became the first Wilbour Professor of Egyptology at Brown.

Parker returned to Egypt several times over the years to gather texts, and together he and Neugebauer produced a four-volume edition of *Egyptian Astronomical Texts*. "All had to be studied, translated, interpreted," Parker says. "What he wrote I criticized; what I wrote, he criticized." Our heritage from Egypt includes the twenty-four-hour day, the first calendar reflecting the true length of the year, and the first calendar divorced from the lunar cycle. (From the Babylonian sexagesimal number system comes our sixty-minute hour, sixty-second minute, and  $360^\circ$  circle.)

In 1953-54 Abe Sachs, by then a professor of the history of mathematics at Brown, received a grant from the Rockefeller Foundation to study the collection of astronomical cuneiform texts in the British Museum. "Until the 1890s," Sachs says, "any scholar could go there and look at texts. It was free and open like a library." And it was then that Strassmaier, the Jesuit priest, filled his notebooks with copies of cuneiform tablets. "Around 1900 they changed the rules," Sachs continues, "and if you didn't have the catalogue numbers, you couldn't see the texts. If you knew the inventory number and the shelf number they would give the material to you, but there was no catalogue for these texts so we didn't know the inventory numbers. The material was effectively buried."

After World War II, Sachs explains, he and Neugebauer were able to contact the man who had Strassmaier's notebooks and they catalogued them. From these manuscripts Sachs and Neugebauer were able to determine some of the inventory numbers and, thus, to obtain access to some, though not all, of the astronomical texts.

"After I'd been there a while," Sachs says, recalling his 1953 visit to the British Museum, "the curator called me over to look at some big volumes they had and didn't know what to do with. It turned out that these were copies of the same material, much better copies than Strassmaier's." It



*An excerpt from the text, three times its actual size, of an astronomical diary from ancient Babylon, dated at 324 B.C. This copy was made by T. G. Pinches at the British Museum between 1895 and 1900.*

was, to say the very least, a serendipitous find. It seems that an assistant curator at the British Museum named T. G. Pinches had, between 1895 and 1900, copied some 1,300 pieces of astronomical texts. "Pinches fell out of favor with the curator," Sachs says, "and was fired or booted out. The curator then stuck his work in a back room. His copies were kept secret until the 1920s or so and by the 1950s they had become a real embarrassment to the curator."

Sachs's work at the British Museum enabled Neugebauer to compile a three-volume edition of *Astronomical Cuneiform Texts*, which he published in 1955. Sachs himself compiled additional texts from the copies by Pinches and Strassmaier in *Late Babylonian Astronomical and Related Texts*, also published in 1955. His persistence paid off and, having become friendly with the curators and their assistants, Sachs was later given access to a large part of the British Museum collection that Strassmaier and Pinches had never seen. Eventually Sachs sifted through 50- to 60,000 cuneiform tablets, spending, all told, two and a half years at the Museum to find those of interest to him.

**M**any professors win awards for their scholarship; seldom do they win money. In 1952 Otto Neugebauer received the John F. Lewis Prize from the American Philosophical Society — \$300 and a diploma — for his work, "The Babylonian Method of Computation of the Last Visibilities of Mercury." That same year he published *The Exact Sciences in Antiquity*. Though Neugebauer had begun years before to receive recognition as a scholar of the first rank — he was awarded an honorary LL.D. from the University of St. Andrews in Scotland in 1938, followed by his election to the American Philosophical Society — this work catapulted him to the forefront of American scholarship. In 1953 the book won the first Dannie Heineman Prize of \$5,000 as "an outstanding book on a high scientific level . . . which opens important fields of research." *Exact Sciences* was translated into Russian — selling "an enormous amount of copies at a very cheap price," according to Neugebauer — and then into Italian.

In 1961 Neugebauer was awarded \$10,000 for distinguished accomplishment in humanistic scholarship by the American Council of Learned

Society's, one of ten American university professors so blessed. In 1962 the scholarly journal *Osiris* published a bibliography of Neugebauer's published work since 1926. The list came to 153 items. An update made ten years later included thirty-three additional items.

Though Neugebauer became a professor emeritus in 1969 — Sachs became department chairman in 1965 — he has not, in any conventional sense of the word, retired. In 1975 his massive three-part work, *A History of Ancient Mathematical Astronomy*, was published by Springer-Verlag, the very publisher which, fifty years before, had published his first book. The next year his book won the History of Science Society's \$1,000 Pfizer Award as the best book of the year on the history of science by a North American scholar. In 1977 Neugebauer was elected to the National Academy of Sciences.

Perhaps a word is in order about these two scholars immersed in the intercalations of ancient calendars and the rotations of the planets. Otto Neugebauer, now seventy-nine, still comes daily to his office in the basement of Wilbour Hall — "that complex of labyrinthine rooms," Parker once called them. At the age of sixty Neugebauer took up the study of Ethiopic and he is soon to publish a book on Ethiopic calendars, having worked with material that lay un-

touched in the great European libraries. He is spare, slightly stooped, inscrutable — indeed not unlike a cuneiform tablet: an extremely well-preserved specimen which, when dusted off, reveals a dazzling wealth of knowledge. He is gruff, polite, severe, humorous, fastidious. Almost always he has a dog biscuit tucked into a pocket. "He loves dogs," Sachs comments, "sometimes much more than people." Neugebauer's rooms are a model of neatness, his walls filled with books in languages dead and alive, his pencils and pens arranged just so, in marked contrast to the other members of the department (more on them later) whose offices overflow with manuscripts piled atop each other in pyramidal fashion.

Neugebauer is known to his friends as a great craftsman. He loved working with tools, according to Dick Parker, and at one time he constructed an elaborate model train system for his son, "but I think he got as much enjoyment out of it as his son did," Parker says. "He had the track running across a hall from one room into another and back again, and in the rooms he had a whole interstate commerce system set up." Neugebauer's wife, Grete, died in 1970; he also has a daughter.

"The department has always gotten along very well as people," Sachs says. "Surprisingly enough, that seems to be a pretty rare thing from what I hear about other departments elsewhere." "A phalanx of us would go over for coffee every day to the Blue Room," Parker remembers. Some



of the department members have even evolved affectionate nicknames for each other. Neugebauer is the Elephant; Sachs, the Owl; Sach's wife, Janet, the Rabbit. Neugebauer dedicated *A History of Ancient Mathematical Astronomy* to "the Owl and the Rabbit." One epigraph was from Owl in *The House at Pooh Corner*: "The opposite of an Introduction is a Contradiction."

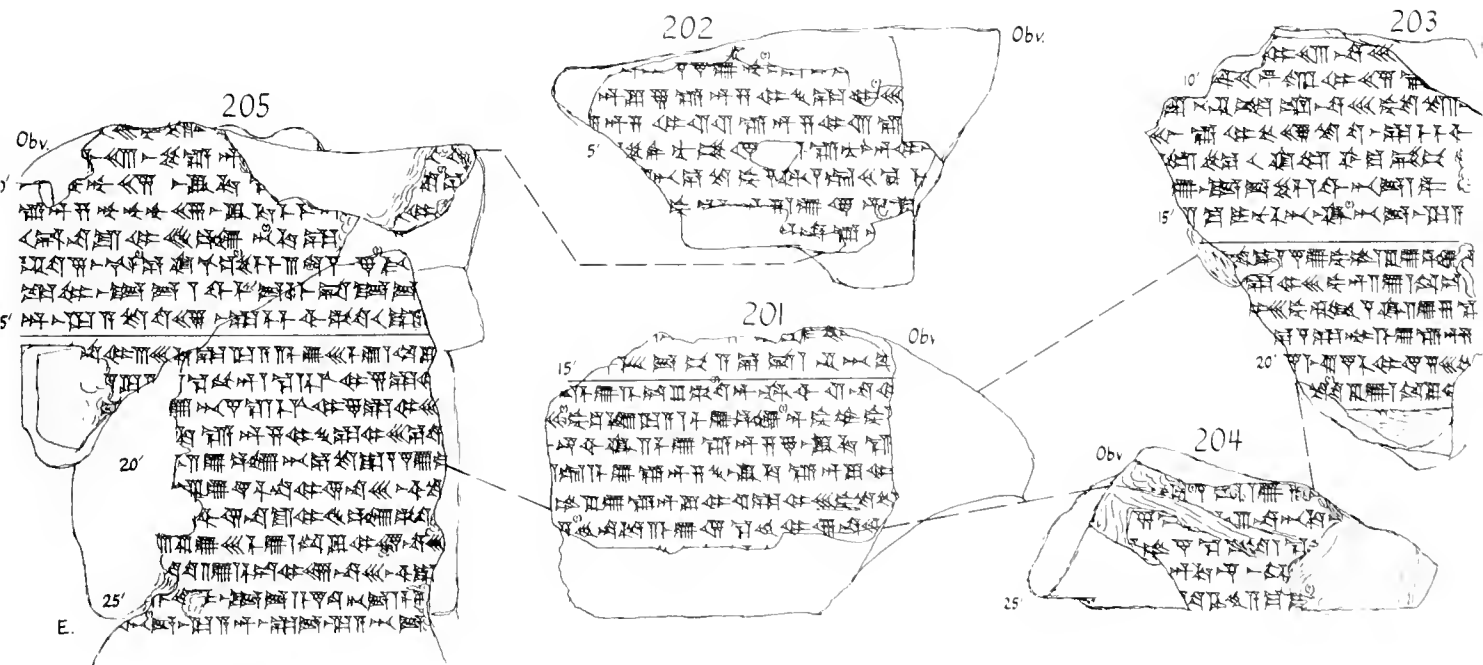
Sachs is, perhaps, somewhat owlish — and somewhat contradictory. He is solemn, quiet, withdrawn — also warm, generous, and passionate about detail. He has excelled at making "joins" between fragments of cuneiform tablets, his acute memory and total immersion in his subject enabling him to make the crucial connections. (See figure.) Once, for instance, Sachs was able to fit three pieces together in the British Museum. He had a sound hunch, however, that another fragment from a collection in Leyden, Holland, belonged to the same original tablet. When a meeting of cuneiformists was held in London, Sachs arranged for the piece from Leyden to cross the Channel. He rushed it up to a photo lab in the British Museum where it was photographed with the other fragments — it fit, of course — and the piece of clay tablet was then transported safely back to Holland.

Sachs seems to feel pressed for time, and he does not welcome interruptions of his work — whether they be from a "constipated" museum curator unwilling to let him see tablets, or from a

journalist anxious to learn about his research. At present he is working on an edition of some 1,400 astronomical "diaries" from the British Museum. These tablets span the years from about 700 B.C. to about 50 B.C., though the bulk are from 300 B.C. on. The texts are essentially daily astronomical observations of the moon and the position of the planets. "They report in the bad weather season — winter — on meteorological events: thunder, lightning, storms, etc. And at the end of each month — which is the end of each paragraph — they record the prices of certain standard items: barley, wool, and how much could be bought for one shekel of silver. Then they report on any kind of local or national event — the death of Alexander, for instance — or raids by nomads that forced the people off into the swamps, or something trivial like a wolf entering the city and killing off dogs. A serious effort was made to give factual reports of things. They clearly distinguished the report of something they had *heard* from something they had *seen*."

"We can only speculate as to how these combinations came to be recorded," Sachs says. "I might suggest that an effort was being made to collect empirical materials relating astronomy and meteorological events with economic and political events so that new omens could be worked up. Their theory was that the gods had established the fate of things in advance and omens made it possible for ordinary people to see what the gods had

At left are fragments of a single cuneiform tablet, which Abe Sachs was able to 'join' using his knowledge of the text's astronomical content. Below are the copies of these texts made by Pinches and pieced together by Sachs.



predicted for their future.

"Once they started recording," Sachs sighs, "they kept on month after month, century after century. The astronomical events allow us to pinpoint the death of Alexander on a precise date. Recently I've been pleased that the report of a total solar eclipse in one of my texts was used by modern astronomers. The ancients said it was a total eclipse, which of course you don't believe (they had no instruments and made all observations with the naked eye), but they also mention the sighting of certain stars which cannot be observed except during a total eclipse. So you see they gave corroborating evidence. The modern astronomers said it was the best record from all antiquity."

Sachs has been aided in his work by a book of tables listing the positions of the sun, moon, and planets as they would have been seen from Baby-



Gerald Toomer, in his seminar on Translation in Latin Poetry. Each department member offers courses, often in conjunction with the classics department, but their students are few. Last year one classics graduate student studied Greek paleography with David Pingree and worked on translating a Greek alchemical manuscript in the John Hay Library. Others have studied Sanskrit, Babylonian mathematics, the history of ancient Mesopotamia.

"It is essential for a graduate student to be able to read the languages concerned," Toomer says, "because we work with primary sources. We have turned down a number of people who were not prepared to do that."

lon at one, five, and ten-day intervals from 601 B.C. to 1 A.D. A truly astronomical task, these figures were compiled in 1962 with the aid of an IBM computer by Bryant Tuckerman, working at the Institute for Advanced Study and then at IBM. Sachs uses these tables to help date the tablets, comparing the observations they contain with the computer's "ideal" positions. "I, of course, have computed quite a lot of these things myself," Neugebauer says. "I would never have gotten into these things if I hadn't gotten my fingers dirty, but now, of course . . ."

Contrary to all preceding evidence, the History of Mathematics Department at Brown is not a two-man show. Gerald Toomer trained in classics at Oxford in his native England and became interested in the history of Greek mathematics and Greek astronomy. What better place to come than Brown? — which he did as a special student in 1959. Toomer returned to Corpus Christi College at Oxford to teach classics in 1961, but gladly came back to Brown in 1965 when a position opened in the History of Mathematics Department. "My own interests are in the history of the mathematical sciences in antiquity and the transmission of these systems through Arabic into medieval Europe," Toomer says. "What we do ranges well over 1,000 years in time but we're all concerned with much the same things."

Toomer is currently working on a translation of Ptolemy's *Almagest*, the standard work in Greek astronomy. Ptolemy was translated into Arabic in the ninth century, he explains, "and our earliest Greek manuscripts are from about the same time. It turns out we can learn quite a lot from the Arabic translations, verifying numerical notations, etc. What you have in astronomy is what you might call a 'world picture,' codified by the *Almagest*. This remains essentially unchanged until the sixteenth century. It's the longest unbroken concept — the geometrical and theoretical aspects combined and codified by Ptolemy — in science. The interesting thing is how pervasive it is. We're also, of course, interested in the break-up of this world view in the sixteenth century, first with Copernicus and then with Kepler, who was one of the greatest minds of all times. Kepler represents the real break with the past. Copernicus didn't get out of it, but Kepler did."

"What I would really like to do," says Toomer enthusiastically, "is a history of the study of conic sections. As a preliminary project I'd like to produce a proper edition and translation of the part of Apollonius's conics that only exists in Arabic."



David Pingree is the latest, and to this date final, addition to the History of Mathematics Department. He arrived in 1971 after having taught at the University of Chicago since 1963. Pingree, too, is interested in the transmission of scientific ideas from one culture to another, and the ways in which the recipient culture may alter the ideas in order to render them acceptable. "I was interested in Greek when I was quite young," Pingree says in an exceedingly quiet voice, "and I quite early thought that if one was going to do Greek, one ought to do Sanskrit as well. As an undergraduate [at Harvard] I did classics and Sanskrit and I was interested in the relations in antiquity between India and the West. After graduation I went to study Byzantine paleography at the Vatican and I found a reference to a Greek astrologer. I didn't know that the Byzantines knew about astrology, and I thought this was interesting." Otto Neugebauer was asked by Harvard to read Pingree's thesis because it touched upon his field. "I thought immediately, 'That's a man who's really very promising,'" Neugebauer recalls.

Pingree is a versatile man — as are all the members of the department. Not only does he work in Greek, Latin, Arabic, and Sanskrit, but he's also a bit of the private eye. For instance, he once noticed in a catalogue a listing for a Sanskrit manuscript in Kathmandu titled "The Horoscope of the Greeks." "I knew it from a very brief catalogue listing the chapter headings and it turned out to be the earliest Sanskrit manuscript on Greek astrology. It's from the third century A.D. based on a second-century translation from the Greek and this represents one of the earliest Greek texts we know about, though it is lost in the Greek. The manuscript itself is from the thirteenth century, a copy of the original."

In 1975 Pingree was elected to the American Philosophical Society. Half of Brown's History of Mathematics Department was thus represented in the highly select group. Only two other Brown professors are members, as is University Fellow John Nicholas Brown.

This year Pingree is on sabbatical, editing a Latin text on black magic at the Institute for Advanced Study in Princeton. "There are twenty-six or so copies of this text," Pingree says. "I shall compare them to see which are copies of which and attempt to reconstruct the archetype. This text is essentially a translation of an Arabic text, so we can see what changes the Latin translator made from the Arabic original. It's a very important text for the transmission of this sort of esoteric pseudoscience from the East to the West. It was the standard text in Western Europe for those who operated in black magic, and this included quite a number of important people — Elias Ashmole, founder of the Ashmolean Museum and the Royal Society; Cornelius Agrippa in the early sixteenth century; as well as people like Ficino."

Hidden on a back wall in David Pingree's



*David Pingree is on sabbatical this year editing a Latin text on black magic.*

office, behind the mountains of manuscripts and overburdened bookcases, is, for this softspoken, scholarly man, a most incongruous poster. It is of Farrah Fawcett-Majors in a red bathing suit. Was it a gift from his teenage daughter? A student prank? David Pingree, with lines deep around his eyes, just smiles. His face is like a foreign text, awaiting translation.

The History of Mathematics Department at Brown, it should be noted, has never limited itself to the study of the history of mathematics. Mathematics is a tool used in astronomy, and astronomy is a science corrupted in astrology. If to some extent Pingree's study of Indian astrology, Toomer's work on Greek astronomy, Sachs's immersion in Babylonian astronomical observations, and Neugebauer's exploration of Ethiopic calendars seem like isolated islands in a vast and murky sea, it is because they are in the very process of establishing the shipping routes. What we know about man's early history, and thus the history of science, depends completely on the records that have survived — as misleading and fragmented as they are. Yet the aim of the department members is to show, as best they can, how scientific knowledge was transmitted and translated from one culture to another.

In Wilbour Hall, standing defiantly in the shadow of the Rock, the work continues. Slowly, increment by increment, the sum of what man knows about the history of his world and his thought is being added up. At the close of the preface to *A History of Ancient Mathematical Astronomy*, Otto Neugebauer, then seventy-six, wrote in Greek: "And so I return . . . as if I had not begun."





# Walter Feldman

## A Retrospective

What strikes the stranger right off about Walter Feldman, professor of art, is his warmth. His eyes *do* twinkle. His voice is deep and fluid. He *invites* you in — to his studio, offering coffee; to his work, suggesting meaning; to his life, sharing its riches.

This is Walter Feldman's twenty-fifth year at Brown and, in keeping with the spirit of the man, the *Brown Alumni Monthly* invites you to attend a retrospective of his work — limited, we regret to say, by the constraints of our gallery space.

In your catalogue for this exhibition you may note that Walter Feldman was born in Lynn, Massachusetts, in 1925. He grew up in Chelsea in a Russian-Polish-Jewish community surrounded by Irish. His father had a small grocery store and did tailoring on the side; his mother sewed fancy stitching in a shoe factory. Though he was constantly sketching as a child — "I used to do it on those little, tiny white blocks that cost a penny," he recalls — Walter did not get much support for his desire to be an artist. His parents relented enough to let him take art classes every Saturday at the Boston Museum. His first show, at age sixteen, was at the local public library. But how could it be known in high school that he liked to paint? "I really had to join the football team, *literally*," Walter says. "I still have the scars to this day . . . I had bad eyes. That's why they made me the first scout in an infantry company when I went into the Army. The first scout is supposed to draw fire, not to go out looking for the enemy vital points as the name implies."

Walter Feldman drew fire. In the Battle of Ardenne he was wounded in the back by shrapnel from artillery shells. Recuperating in Paris, he was told he would never walk again. But he did. "Through the pain I learned how to paint, too. *Pain and painting*, I learned that strange verbal connection."

The GI Bill enabled Walter to attend the Yale University School of Fine Arts (B.F.A. 1950) and the Yale School of Design (M.F.A. 1951). While there he studied with Josef Albers and Willem de Kooning, who influenced him greatly.

In 1950 he received the Alice Kimball English Traveling Fellowship and traveled abroad, and in 1953 he joined the Brown faculty. He was the lone

professor teaching studio art. His only constituency, he found, was students from Pembroke. "Men used to be thought suspect if they took an art course," he says (this from a man who has three campaign stars). "I used to go to the fraternities and tell them how you really had to know yourself to do art. It took a long time before we had equality of that kind."

Feldman spent 1956-57 studying mosaics and stained glass windows in Rome on a Fulbright Fellowship. One of his most exciting moments, he recalls, was when he won the gold medal at the Mostra Internazionale in Milan. "They sent telegrams to every major city and intercepted my wife and me in Florence," he says. "You know, you think you're anonymous. . . ."

In 1961-62 as a Howard Foundation Fellow, Feldman spent the year in Mexico. "I chose to go to Mexico because I wanted to experience a completely different culture and I'd always admired the Mexican mural painters. A person can get complacent," he reflects, "and you have to be careful of that when you're a painter."

Between 1966 and 1968 Feldman designed a thirty-two panel mural for Temple Emanuel in Providence. "It was the most satisfying opportunity I have ever had," he says, "painting in a house of worship. Also the themes of the panels, half dealing with the prophets and prophecies, half with the holidays, gave me an opportunity to deal with a range of emotions that I had not been able to deal with before."

Feldman has spent a year as a visiting professor at Harvard and another year at the University of California at Riverside, both painting and teaching. He paints wherever he is (except when traveling) on a regular working schedule. "I've learned to concentrate," he says. "I think it used to be very hard, teaching and painting, but if you can learn to concentrate, then I think it's workable."

Does he ever run into dry spells? "Oh sure," he replies quickly. "That's why the studio is clean . . . whenever I start to clean up I know that I have to reorganize and start fresh. If you know what fallow is, then it doesn't bother you — you know what you're going to do."

D.S.

## Feldman on Feldman: The artist comments on his works



THE FINAL AGONY 1952  
Woodcut

The artist today expresses himself through a series of works which tend to unfold in time, perhaps like a concerto. Every artist discovers his own sum of knowledge which will be his language, his own manner of saying — what everyone knows, yet is unmindful of it for whatever reason. We might say that through art the incommunicable expresses itself without ceasing to be a mystery.

Art exists in layers of meaning — like the strata of an archaeological dig. Each succeeding layer may help us understand the next one, yet we may get pleasure, meaning, and satisfaction from each alone.

*The Final Agony* (above) was the first woodcut I ever made. An artist friend insisted that I should explore this avenue of printmaking and brought

me a beautiful single, large piece of wood, and loaned me his tools as well. The imagery immediately took place — there was no hesitation (lots of palm blisters I discovered later) in designing and cutting the form.

*The Final Agony*, of course, is the crucifixion. I submitted it to an exhibition at the Metropolitan Museum of Art and when it received an award I called my friend to tell him about it. "Do you know where I found that big hunk of wood?" he said. "It came from the Bible stand of an abandoned church."

Although by the time I cut this block I was already moving toward a more abstract image, I made constant reference to early Christian symbolism — as, for example, the die at the bottom of the cross and the skull which is a reference to the first man, Adam.



STELE OF THE JAGUAR #2 1963

*Oil on canvas*

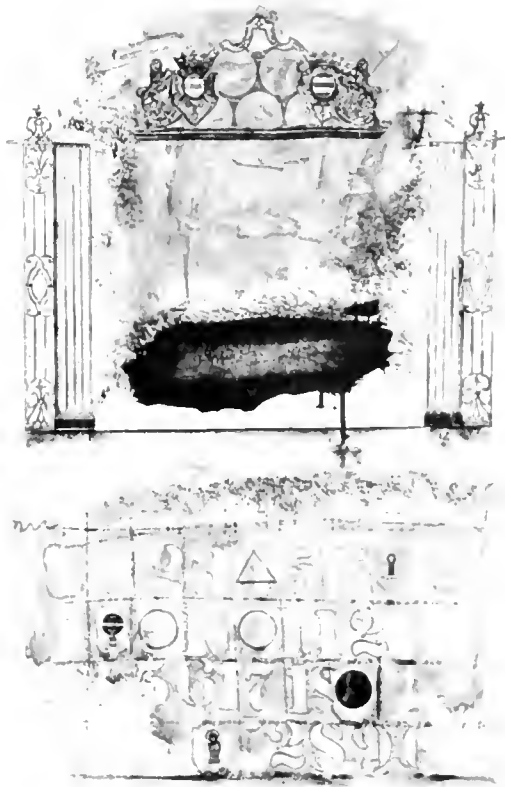
*Stele of the Jaguar* is an example of one of the paintings I did while living in Mexico for a year. Carved glyphs pulsated a meaning that was not easy to understand. But I remember that Carl Jung had warned us in *Man and His Symbols* that "we have stripped all things of their mystery and numinosity — and nothing is holy anymore." I wanted some things to be holy.

I wanted to clothe my images with their mystery once again. The references are to events that took place in the twilight of time; events that have become somehow part of our collective memory.

MASADA 1969  
*Acrylic on board*



GATES OF PARADISE 1966  
*Collage, graphite and acrylic*



DON QUIXOTE 1975  
*Graphite, aluminum and ink on paper*

*Gates of Paradise* (far left, opposite page) is part of a series done on paper with collage and paint. It's interesting that it refers to the concept of time that I'm working on now. These are in fact eighteenth-century engravings from the Diderot encyclopedia. Sometimes you're not aware of the collage element because I want it to have the quality of inevitability.

*Masada* (top left) is characteristic of a large group of paintings I did after a trip to the Mideast in which I met Yigael Yadin, the archaeologist in charge of the Masada excavations. In 70 A.D. the Romans attacked Jerusalem and finally destroyed the military strength of the Judean army. But a small group of Judeans, rather than fall into the hands of the Romans, killed themselves on top of this desolate mountain overlooking the Dead Sea.

When I visited there my reaction was that the things I painted should all be in black and white and should deal with the humanity rather than the mountain. The linear elements became obsessive until I discovered that they referred to the underlying muscular structure after the top layers of skin are removed. I had spent some time looking at medical magazines in a doctor's office. This, in effect, symbolized for me a revelation, a truth beyond the surface.

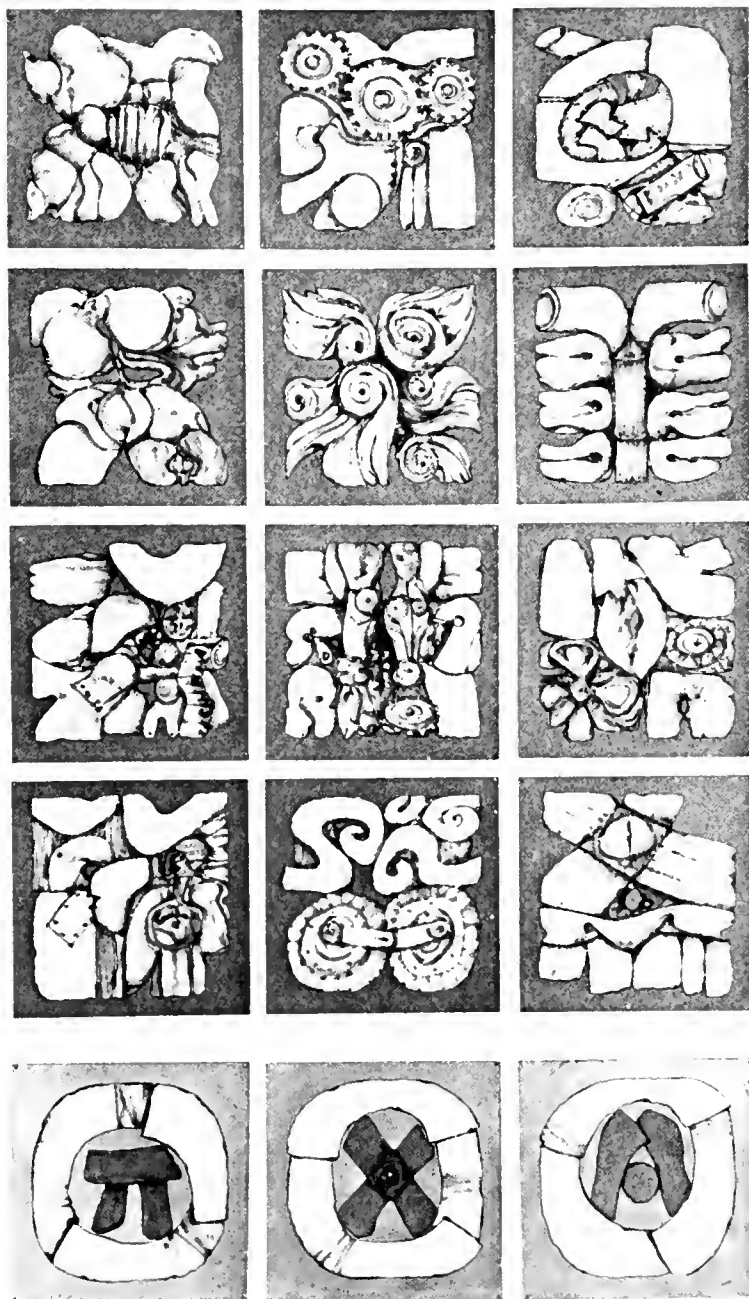
I am, for want of a better description, a romantic painter — and naturally I love the story of Don Quixote. In *Don Quixote* (bottom left) I played with the notion of armor and poetry. The rivets have no structural reason but suggest that there is great strength needed to protect man's hopes. The poetry of our existence requires an ever watchful guardianship — the armor — if we are to retain our humanness. James Schevill collaborated by writing nineteen short poems which I incorporated into my drawings.

*Babarak* (at right) has references to my experiences in the war, but also to summer and quiet and contemplation. Some of the forms come from looking at the ancient monuments like Stonehenge and the pyramids in Mexico — big, elemental.

The notions I was dealing with did not seem appropriate in paint. They would become too soft. They had to be said through the act of destroying. What I wanted was that through the destruction a new thing would grow, one that could only be born that way.

As I wrote in the preface to a catalogue: I hope that my work invades your privacy — but with tenderness and courtesy. If they produce an occasional shiver, I hope that it is like the man who reached for his matches in a black and midnight room only to have them gently placed in his hand.

— Walter Feldman



BARBARAK 1978

Collage, acrylic, canvas on masonite

MEN AND WOMEN ON CAMPUS:

# The educational implications of sex roles in transition

By Debra Shore

*"The newly raised consciousness of women is in some respects fragile," wrote Joseph Katz, director of human development and educational policy at the State University of New York at Stony Brook, in a report on Men and Women on Campus. "Particularly in the intellectual and academic spheres there is still a tendency for women to think themselves as not quite on a par with men."*

*The move by many colleges and universities to become coeducational in the late 1960s and early 1970s may be seen as one skirmish in what a noted educator has called "the most important social revolution of the century" — namely, the sexual revolution. If so, what has been the impact of coeducation on the young men and women involved?*

In 1977 Brown received grants totaling \$70,000 from the Ford Foundation and the Rockefeller Family Fund to conduct a study of "the educational implications of changing roles of men and women within our culture." A Corporation committee analyzing the status of women students at Brown had recommended that a study of the issues surrounding coeducation should include several institutions. Carole Leland, dean of the College of Human Development at Pennsylvania State University, was appointed the project's director; Lois Monteiro, assistant professor of community health and sociology, served as Brown's campus coordinator,





and Kay Hall, associate director of Brown's Learning Assistance and Assessment Bureau, was research associate for the study. Together with an outside advisory team, they composed a fifty-question attitude-and-behavior survey and this was then given to over 3,000 randomly selected men and women undergraduates at Brown, Dartmouth, Wellesley, Princeton, Barnard, and the State University of New York at Stony Brook.

The preliminary results from that survey were announced at the Brown conference, attended by representatives of thirty-three northeastern colleges and universities. This conference, supported by the Carnegie Corporation, included intensive discussions of the findings and their implications as well as addresses by several major figures in higher education.

The survey focused on four areas: academic performance; student-faculty relations; values, attitudes, and social relations; and career goals and planning. The results will be further analyzed and correlated to make school-by-school comparisons, but among the preliminary findings were these:

- That though women enter college with substantially higher academic records than men, once in college their performance as measured by grades is somewhat lower than that of men.

- That the women students' intellectual self-esteem was significantly lower than that of the men, and that this was true for all the institutions surveyed.

- That men were more likely to

have gained in intellectual competence and to feel well-prepared for graduate or professional school, and that women were more likely to put off graduate study for two years or more.

- Nearly three-quarters of the men and women felt faculty demanded high quality work from them, but a third or less felt faculty offered helpful advice, taught important skills, helped them to feel confident, positively acknowledged their ideas, or gave reading and writing assignments very valuable to academic growth.

- Women respondents appeared more conscientious than men in preparing for classes, taking notes, completing assignments, and getting involved in the subject matter. Women in single-sex classroom settings were apt to feel more positively about their courses and faculty interactions than either men or women in coeducational settings.

- There was little difference between men and women in their contact with faculty on committees, in discussions, in sponsorship situations, socially, and in employment, yet women consistently reported a slightly higher degree of interaction with faculty.

- Three-quarters of both men and women reported that sexuality is an important part of their lives and by their senior year less than 15 percent of both sexes reported they had not had a sexual relationship. More than twice as many women as men said they take responsibility for contraception and felt that two people should know each other quite well before becoming involved in a sexual relationship.

- Almost half of the men and

women felt that living in a coed dormitory made it easier to have friends of the opposite sex.

- While 68 percent of the women said they plan to work full-time, 76 percent of the men said they do not think mothers of infants should work, and 48 percent of the men said mothers of children aged two to five should not work.

- Both men and women listed their worries, in order of importance, as: future, academic matters, interpersonal matters, personal feelings.

- Most students did not cite any institutional factors in their career decision-making, such as counseling or career services, etc. They tend, instead, to rely on their parents, their peers, and their work and volunteer experiences.

- More than 50 percent of the men and women said that more interest in career planning from professors would have been helpful. About half felt faculty were interested in their personal development.

Further results from the survey, including data from a separate questionnaire sent to Brown alumni and alumnae, are to be tabulated and presented to the Corporation in May.

In his address to the conference, David Truman, former faculty member at Bennington, Harvard, Williams, and Columbia, former provost at Columbia, for nine years president of Mount Holyoke College, and now president of the Russell Sage Foundation, said that colleges and universities persist in making educational decisions "in tortured ignorance," that



her, was not — and is not even now — a large body of good research on the special educational needs of late-adolescent females, or males.

"The issue of differing educational needs of the sexes remains with us," he said. "Though it may be more urgent, more challenging as it affects young women, it also bears on the situation of young males. Confusion in role definition, self-doubt, and the anxieties associated with nonconformity, real or contemplated, are not a monopoly of the young female, though with her they may be more critical and more conspicuous. And if learning to value other women is essential to a young woman's developing her own appropriate self-esteem, which seems to occur more readily and effectively in a women's college, the young male has much the same problem, profoundly different in degree, but not really different in kind. I am persuaded in any event that the almost total abandonment of the single-sex college for males violated, at minimum, one of the few certainties in our world: that we don't know enough about education to make all institutions alike."

If colleges and universities ever hope to meet the special needs of male and female students in the years ahead, Truman added, "and if the educational enterprise is not to be as subject to fashion as the width of men's ties and the length of women's skirts, one major condition is that more — or at least something — must be known systematically about the patterns of cognitive and moral development among the late adolescents who are and will re-

main the principal objects of our concern. . . .

"Without the developmental knowledge that we need, without the kinds of curricular decisions that must follow, I see no reasonable likelihood that undergraduate colleges are going to be able to successfully navigate the treacherous passage between what we may loosely call vocationalism and an isolationist and exclusive preoccupation with the liberal arts as we conventionally view them. . . .

"Because the pressures now lie in this direction of vocational concern, so do the dangers, given our rudderless exposure to the winds of fashion. They will blow from more than just vocationalism in its simple form. They will come, they are coming, much more strongly from an associated pressure that can be called the Future Shock fallacy or half-truth. This is the proposition that, since so many things are changed and will be changing, everything is or will be new. It should be obvious that this is not the case, although we should never underestimate our ability to ignore the obvious. Computers, microwave relays, and space travel have not changed fundamental moral problems or the essence of tragedy. Why else, as a friend observed to me the other day, do Aeschylus, Plato, Augustine, and Shakespeare speak to us so clearly across the centuries? In a wild enthusiasm for what Robert Hutchins called the 'cult of immediacy,' we will not avoid being prisoners by persuading ourselves that we are not prisoners of the past."

Rosemary Park, a member of the Carnegie Council for Policy Studies in Higher Education and former president of Connecticut College and Barnard College, agreed with Truman that we know all too little about the growth and change of men and women, and not only in late adolescence. "Do we teach any given subject at the stage in a young person's life when studies of human development seem to indicate that the individual is most ready? If we dared to examine the entire spectrum," she said, "we might find that foreign languages belong in the elementary school, not in college, that logic is best received in the eighth grade, that computer skills could be mastered in high school. We might find, too, that there are differences between the sexes with regard to the age at which certain subjects can be acquired most easily. Or there may be no differences, but such matters are surely important for coeducational and single-sex institutions to determine."

Innovations in American universities, Park said, have rarely originated in the universities themselves. The professionalization of agriculture resulting from the Morrill Act, the expansion of higher education initiated by the GI Bill, the extraordinary development of scientific research touched off by Sputnik, affirmative action and minority programs — all have been changes induced by economic, political, and social pressures. However, Park continued, because higher education has suffered an apparent decline in public esteem, universities may now be able to generate policies and changes from within





rather than being subject to external pressures. Universities could address themselves not only to the issues of adolescent development and attendant curricular decisions, but also to the relation between academic work and employment, and to the problem of interesting young people in scholarship "when all of our faculties are tenured in." Such "domestic" issues can be handled within the university, Park felt.

"The same, however, cannot be maintained of the university attitude toward the sexual revolution. The university, God knows, did not initiate that revolution; it can hardly be said to have welcomed it. And yet its policies can be nurturing . . . of the ideals of that revolution, or it can serve to negate them. . . . This revolution, which is based in the society, will call, I think, upon the university only for assistance but not for leadership. The assistance of the university will consist in its willingness to study with increasing sophistication the role changes in society and to relate these changes to a sustaining educational practice, through . . . serious and very careful experimentation. Though it cannot lead this revolution, the university can, I think, educate those who will."

The responsibility for change, Park stressed, rests with the administration. "Indeed, I would like to suggest that our failures at general education may indeed be a function of the weakening of administrative styles in our lifetime."

By style Park meant leadership, and she called for leadership to restore "an element of value which seems to be missing. . . . It rests with us to maintain

the long view, to sort out those problems which are only projects and to identify those which are indeed century-old problems. And to not let our constituents or ourselves lose hope that one does make some kind of progress.

"I think if we begin to solve some of our own problems and reach some clarity about our own convictions," she said, "the likelihood that we can be heard on matters of greater generality will, I think, increase."

Finally, Constantina Safilios-Rothschild, professor of sociology and director of the Family Research Center at Wayne State University, offered her observations on how men and women behave in coeducational settings. "What is changing?" she asked. "How much? And what does it mean? The values about a more egalitarian marriage have changed so that now it is a very acceptable option, and this is important. In some milieus, men and women perceive that the *traditional* options don't exist anymore and some end up faking more liberal attitudes because those are now the norm.

"The perception of men in a group about the competence of women changes drastically with the sex ratio," she suggested. "With more women, men tend to evaluate them on their performance rather than relying on stereotypes. This is something that can be manipulated to some extent, by not placing women in situations in which they are marginal. But our policies have tended in the opposite direction. At many medical schools, women have

been spread out instead of congregated and thus they become the only woman in their anatomy group, which is a very marginal situation.

"In discussing role models," Safilios-Rothschild said, "we need to discuss *who* has done *what* for women. It may be more a matter of personality than position.

"In questions about sexist behavior in a classroom, students recognize only that sexist behavior of which they are *conscious*, and there may be many instances of sexist behavior that go unrecognized — in a biology or chemistry lab when a woman has trouble with an experiment and the professor, male or female, jumps in to do it for them, and so on. 'Traditional fields' is a new term we have invented for masculine fields.

"Men have much more difficulty in reconciling love and sexual involvement with intellectual superiority. How does a young man deal with being attracted to and sexually involved with a woman who receives better grades and may be academically or intellectually superior to him? Many men are paranoid that women will use their sexuality to get away with things and get the most out of a situation in which male professors still predominate.

"Coeducation," Safilios-Rothschild concluded, "is not solely a women's problem."

Photographs by John Forasté



# CALENDAR OF EVENTS

Liven up your February to June scene with a new Brown experience — one in your home town. So much is happening it is hard to choose a representative sampling, but the Associated Alumni of Brown University tries to do just that in the entries which follow. For information on these events or inquiries on others in your area, phone your local club president or the Alumni Relations Office, Box 1859, Providence, Rhode Island 02912, (401) 863-3307.

## ALUMNI GATHERINGS COAST-TO-COAST

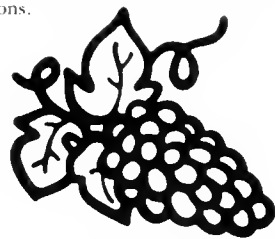
### FEBRUARY

22

**Brown University Club of Northern Florida**  
Alumni/ae of the Jacksonville area welcome Assistant Vice President Sallie Riggs '62 and the new Brown film "Voices, Faces, Brown." Cocktails and dinner at The Green Derby, 578 Riverside Avenue, Jacksonville. 6:30 p.m. For further information, contact Charles Weisbecker III '41 (904) 737-2500.

24

**Brown University Club of Long Island**  
Wine Tasting and Skating Party. Home of Mr. and Mrs. Palmer Sealy, Jr., 60 Wolver Hollow Road, Glenhead, New York. Dues-paying members will receive invitations.



### MARCH

14

**Brown University Club of Chicago**  
Vice President Robert A. Reichley visits with alumni at the Lawyers Club and presents the film "Voices, Faces, Brown." For further information contact Nancy Cook '60 (312) 223-6601.

15

**Brown University Club of Milwaukee**  
Vice President Robert A. Reichley greets local alumni and presents the film "Voices, Faces, Brown." The University Club is the setting for reception and dinner. For further information contact David C. Scott, Jr. (414) 962-6821.

### APRIL

1 - 7

#### "Collegiate Follies"

The student cabaret of 1979 travels to Brown Clubs in the Northeast. If you are in the Maine, Boston, Springfield, Fairfield County, Philadelphia, or New York areas, watch your mail for an invitation to a sparkling evening featuring the best in upperclass talent.

5

**Brown University Alumni in Charlotte, North Carolina**  
Greater Charlotte area alumni gather to talk with Vice President Robert A. Reichley and view the film "Voices, Faces, Brown." Site to be announced. For further information, contact Ms. Antoinette Robinson (704) 365-2840.

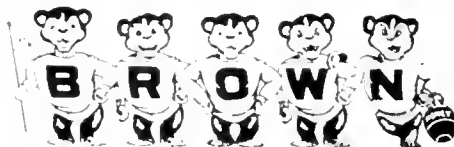


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**Brown University Club of San Diego**  
The annual San Diego Crew Classic on Mission Bay draws Brown's varsity crew to the West Coast. For information on enjoying the fun with other alumni contact David N. Nissenberg '61 (714) 459-0631.

10

**Brown University Club of Central Connecticut**  
Annual dinner featuring Vice-President Robert A. Reichley. Site and time to be announced. For further information contact Bill Yeats '62 (203) 273-4376.



17 - 22

**Accepted Candidates' Parties**  
National Alumni Schools Program volunteers will host students accepted to Brown in these places, among others: San Francisco, Los Angeles, Boston, Suburban Boston, New York, Atlanta, Fairfield County, Westchester County, Long Island, Rhode Island, Springfield, Worcester, Hartford, St. Louis, Cleveland, Puerto Rico, Palm Beach. Contact David J. Zuccini, Director of NASP (401) 863-3306

22

**Brown University Club of Central New Jersey**  
Theatre Beneht at McCarter Theatre. "Hearthbreak House" 2:00 p.m. Cocktail buffet following at the home of Mr. and Mrs. Dean Chace, Drake's Corner Road, Princeton. Contact Clo Treves '49 (609) 921-8595.

29

**Brown University Club of Northeastern New Jersey**  
Cocktail buffet. 5 to 7 p.m. Home of Mr. and Mrs. Richard Nashel, 275 South Irving Street, Ridgewood, New Jersey.

### MAY

11

**Brown University Club of Chicago**  
An evening at the Chicago Symphony, conducted by Georg Solti, preceded by dinner at the Cliff Dwellers and lecture by Northwestern University Professor of Music Arrand Parsons. 6:30 p.m. \$25. Reservations limited. For further information, contact Nancy Cook (312) 223-6601.

20

**Monmouth County Brown Club**  
Cocktail Reception. 5 to 7 p.m. Home of Mr. and Mrs. Cass Lewart, 12 Georgian Drive, Holmdel, New Jersey.

24

**Brown University Club of Rhode Island**  
Annual Dinner. Contact Dave Bisset '52 (401) 521-9100.

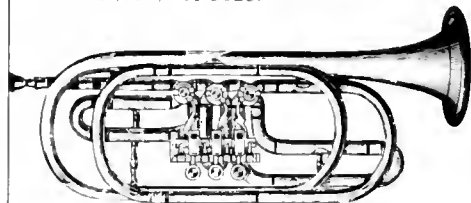
### Dates to be arranged:

**Brown University Club of Westchester**  
Gala Athletic Night with some of Brown's most colorful sports personalities. Coverleigh Club, Rye. For further information, contact Ross de Matteo '35 (914) 478-1811.

**Brown University Club of Philadelphia**  
Annual Family Picnic. Not-to-be-missed event in the country. For further information, contact Jane Scott (215) 527-1245.

### JUNE

**Brown University Club of Boston**  
Third annual Brown Night at the Pops. Contact Nancy Scull '63 (617) 661-9029.



## STUDENT-ALUMNI HAPPENINGS

For details on these and other programs in the sphere of student interaction with alumni, contact Ann Redding, Alumni Relations Officer, at (401) 863-3307.

### MARCH

11

#### Senior Brunch

One in a series of leisurely Sunday morning encounters, with campus administrators and the Class of '79 enjoying good food and company. Maddock Alumni Center. Other dates for brunches: April 15 and May 6.

### APRIL

2 - 6

#### Externships

Juniors experience the working world firsthand by spending spring break with alumni in a spectrum of professions and locales. (Interested alumni please note: no money, job offers or housing involved)



16 - 30

#### Seminars on Survival

Those who are in the know on such mysteries as car-buying, house rental, insurance, income tax, and personal banking share their tips with students preparing for the "real world." Six sessions. 7:30 p.m. Maddock Alumni Center.

### MAY

26

#### Senior Week

Senior week begins, with its array of outings, dances and class fun.

## ON-CAMPUS EVENTS OF UNUSUAL INTEREST

### MARCH

8

#### The Brown Street Series

"Laser People." Professor Hendrik Gerntsen and colleagues show forth the art and drama, as well as the utility of lasers. The Barus and Holley Engineering Building and Faculty Lounge. 8 p.m. Fee charged.

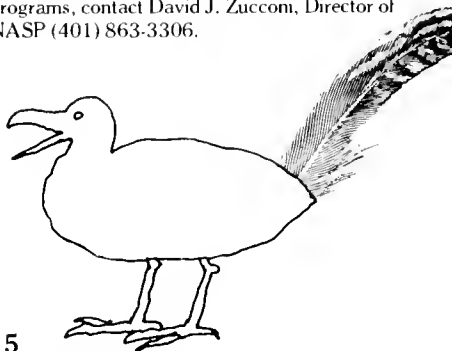
For further information on all Brown Street Series programs, contact Connie Evvard (401) 863-3307.

9, 10

#### Early Action Day

Sponsored by the National Alumni Schools Program and the Bruin Club, these action-filled hours give candidates accepted to Brown under the Early Action program a chance to see what life on The Hill is all about.

For further information on this event and all NASP programs, contact David J. Zucconi, Director of NASP (401) 863-3306.



15

#### Birds Unlimited

Brown alumni in Rhode Island, The Cornell University Club of Rhode Island, and Friends of the Library team up to present a double feature at the John Hay Library. Professor Douglas Lancaster of Cornell lectures, and the celebrated Audubon folios, given to Brown by Albert E. Lowmes '20, are displayed. 5:30 p.m. Fee charged. For further information, contact Samuel Streit (401) 863-2146 or Mary Ann Rolland (401) 831-2972.

### APRIL

15 - 22

#### Dedication of Performing Arts Buildings at Brown University

A week of gala events to celebrate the transformation of homes for the theatre, dance and music at Brown. Watch your mail for details.

29

#### The Brown Street Series

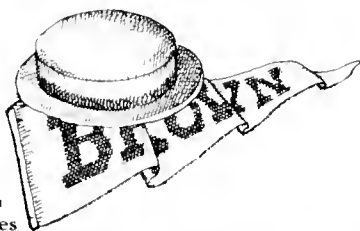
"Little Known Interiors." A brunch at the Maddock Alumni Center and guided stops in cubby-holes and corridors you may never have known existed. The complexity of the University affirmed again in the pleasantest way. Noon. Fee charged. Reservations limited.

### MAY

9

#### The Brown Street Series

"Collegiate Follies." The 1979 transformation of the cabaret theme comes to life on campus. Site and time to be announced. Fee charged.



### JUNE

1 - 4

Reunion/Commencement Weekend at Brown  
Traditional and not-so-traditional events open to alumni and alumnae of all classes. An all-alumni dinner, Campus Dance, Commencement Forums, Field Day, Sock and Buskin's Alumni Show, Reception for Professors and Professors Emeriti, Pops Concert, and the two-hundred-and-eleventh Commencement Exercises on Monday morning.



## PRESIDENTIAL TRAVEL

### MARCH

10

#### Brown University Club of Tucson

Reception and dinner at Skyline Country Club. For further information, contact Sue Ghozel '67 (602) 886-8571.

11

#### Brown University Club of Phoenix

Reception and dinner at Paradise Valley Country Club. For further information, contact A. Inman Marshall, Jr. '40 (602) 959-8873.

### APRIL

4

#### Brown University Club of Colorado

Reception and dinner in Denver, site to be announced. For further information contact Norman B. Dodge '35 (303) 526-1548.

5

#### Brown University Club of Seattle

Reception and dinner at the University Tower Hotel, 4507 Brooklyn NE. 6:00 p.m. For further information, contact William D. Alpert '72 (206) 682-1212.

6

#### Brown University Club of Oregon

Reception and dinner at the home of Drs. Joseph and Ruth Matarazzo, 1934 SW Vista Avenue, Portland. For further information, contact Ruth Gadbois Matarazzo '48 (503) 228-3215.

### MAY

17

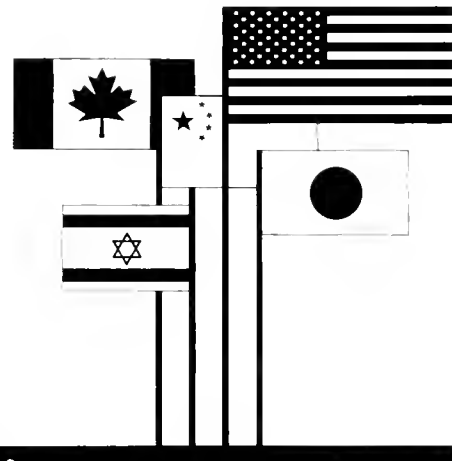
#### Brown University Club of Minnesota

Reception and dinner, site to be announced. For further information, contact Glenn Umetsu '71 (612) 372-1341.



## CONTINUING EDUCATION TRAVELS TO YOU

Watch your Brown University mail for an invitation to a Saturday Seminar if you live in one of the areas listed below. For further information contact your local Continuing Education chairman or the Continuing College Office at the University: (401) 863-2785.



### FEBRUARY

17

#### Washington, D.C.

"U.S. Foreign Relations." Charles Neu, professor of history. Richard C. A. Holbrooke '62, Assistant Secretary of State for Pacific and East Asian Affairs.

24

#### Miami and Florida

"Exploration: Space and Oceans." Thomas A. Mutch, professor of geology. Peter A. Rona '56, National Oceanic and Atmospheric Administration.

### MARCH

3

#### Connecticut — Fairfield County Region

"Morality and Medicine: Dilemmas for Doctors and Society." Stanley M. Aronson, M.D., Dean of Medicine. Lucile Newman, assistant professor of community health.

#### Boston

"Latin America: Authoritarianism, Development and Human Rights." James A. Hanson, associate professor of economics. Benjamin A. Most, assistant professor of political science.

10

#### New Jersey and Philadelphia

"Law and Politics/Energy and Environment." James Fredman, preceptor, Center for Law and Liberal Education. Harold Ward, director, Center for Environmental Studies.

10

#### Westchester County, New York

"Reflections on Modern Art." Richard Fishman, professor of art. Roger Mayer, associate professor of art.

31

#### Los Angeles

"Understanding Musical Performance." William Erney, assistant professor of music. Martin Bernheimer '58, music critic, Los Angeles Times.

# The Classes

written by Jay Barry



Archie Williams '56, who is an attorney and president of Freedom Electronics and Engineering, Inc., in Boston, was the main speaker at a career forum for minority students that was a part of the Human Page Centennial Weekend in November. (For more about the weekend, see Under the Elms.)

**06** Henry Carpenter writes that he and Steve Wright, who led the 1978 Commencement procession, would like to thank the two "thoughtful alumni who provided us with chairs and lemonade at the end of the march." Henry left for Hollywood, Fla., in December to spend the winter with his son, Henry, Jr. '34.

**12** Francis X. Keresey claims that you can teach an old dog new tricks. After the loss of both legs within the past three years, he's learning to walk again. The former Bruin football player had been a salesman in the Boston area for forty-five years, selling everything "from needles to haystacks." Entering what he terms "semi-retirement" in 1957, he moved to the family farm on Route 102 in West Stockbridge, Mass. Then the "itch" got to him and Francis landed a job with the Knapp Shoe Company in Pittsfield, Mass., and did a steady business for seventeen years, selling his last pair of shoes when he was 92. His left leg was amputated after an accident in 1975 and his right leg after a blood clot developed in 1977. He's now at the Willowood Nursing and Retirement Facility in Great Barrington, Mass.

**14** Five class members met on the Pembroke campus in November for luncheon and a business meeting regarding the 65th reunion: Elena Lovell Maymon, Maud Tucker MacLeod, Marguerite Appleton, Alita Bosworth Cameron, and Ruth Cooke Peterson.

**15** Janet M. Bourn, Port Charlotte, Fla., spent the month of October in Providence.

Lawrence L. Hall, Wakefield, R.I., writes: "I think that perhaps merely being alive at 88 is news of a sort. I am learning to play backgammon — Otherwise, no news."

**17** Classmates are urged to drop a line to Carlos G. Wright at the Veterans Hospital in Bristol, R.I. He's been there for some time now.

**18** Comdr. Thomas W. Hall and his wife, Flo, of Greenville, R.I., celebrated their 50th wedding anniversary last fall at a "large and noisy" gathering at the Foster Country Club. "Our daughter, Bethany Hall Mason, and our son Tom's wife, Peggy, planned the affair, which drew relatives and friends from New England, New York state, Pennsylvania, and New Jersey," Tom reports. "I was pleased that the group included ten alumni and proud that it also included nine grandchildren."

John Foraste

**19** Louis Smith writes: "I am happy to report that my granddaughter, Sharon Smith, is a member of the freshman class at our university. Her father, M. Barry Smith '52, her grandfather, Louis Smith '19, and her grand- or great-uncle, Joseph Smith '06, provide some three and one-half generations of Smiths in the Brown University family. Incidentally, we are not descendants of Captain John Smith or Pocahontas. Hope to see you at our sixtieth reunion." Louis lives at 5555 Gulf Blvd., Apt. 403, St. Petersburg Beach, Fla. 33706.

**20** Lyman G. Hill reports that in recent years he has published *The Sonnets on the Mount*, *The Rimes of Uncas*, and some poems in *New Voices* (Vantage Press).

Robert S. Macfarlane is a retired chairman of Burlington Northern, Inc. He is living at 740 River Dr., St. Paul, Minn. 55116.

George H. Rhodes reports that he retired in October 1975 from administrative duties at the VA Hospital in Philadelphia because of his wife's illness. "Moving from a home to an apartment meant foregoing gardening and horticultural interests. There are seven grandchildren, some having finished college and others still attending, but they are all at distant places. My wife is now in a nursing home. We became great-grandparents in April. Hope to attend the 60th in 1980."

**24** Just a reminder that a request for a donation of \$5 or more from each classmate has been sent out, with the money we receive to be used in the preparations for the 55th reunion in June. Only a small amount remains in the treasury, and thus this request. Checks should be sent to the treasurer, Arlan R. Coolidge, 88 Meeting St., Providence 02906.

Randy Flather writes: "Stephen A. McClellan '23, president of his class, has ordered a supply of Scottish bonnets (tam-o'-shanters), metal emblems bearing the seal of Brown University to be attached to the hats, and neckties with Brown bears on them. The hats are brown with white pompoms on top and are quite good looking. Sizes are medium and large. It is Steve's thought that these items would be distinguishing marks for members of the 50-year-and-over classes. They could be worn at any time but would be especially appropriate in Commencement processions or at athletic events. The University administration has given approval and encouragement to the plan and a majority of the members of '23 have acquired the bonnets. The cost factor is: hat and emblem \$13 and necktie \$7. Supplies are in the hands of Don Thorndike '23, secretary of his class, at 204 University Ave., Providence 02906. Members of 1924 who are interested in pur-

chasing either of the items should contact Don directly."

**25** One of the things that each of the following shares is Richmond H. Sweet as a member of its board: First Unitarian Church of Providence, World Affairs Council of Rhode Island, League of Rhode Island Historical Societies, Rhode Island Society of the Sons of the American Revolution, and the Rhode Island British-American Heritage Commission. Besides that, he is the associate head class agent for the Brown Fund, treasurer of the First Unitarian Church, deputy governor of the Rhode Island Society of the Founders and Patriots of America, and a tour guide for the Rhode Island Historical Society.

Norman O. Tietjens ('27 A.M.) reports that he recently listened to Tom Corcoran '22 speak at a Brown Club luncheon at the University Club in Washington, D.C. "He and Fritz Wiener ('27) persuaded me to come to Washington with the New Deal in 1933," he writes. "I think I was second oldest at the luncheon — but only Tom, George Viault ('26), and Dr. Jack Ewan ('33) really knew me."

**26** Gordon Dewart, Brattleboro, Vt., sends word that he "watched with great pleasure" as Brown defeated Holy Cross, 35-21, on TV last fall. He writes: "My son, Gordon Dickerman Dewart '51, lives with his wife and three daughters in New York City and is travel manager of *Esquire* magazine. My daughter, Lorita Dewart, has been married for nearly thirty years to George A. Aarons. They have one daughter and reside at Katonah, N.Y."

Lloyd D. Keigwin, Fernandina Beach, Fla., is an associate with the local law firm of Kremer, Reich & Klar. He is the son of the late Henry W. Keigwin 1879 and the father of Lloyd D. Keigwin, Jr. '69 and Lance P. Keigwin '73. His family also includes his wife, Patricia, and daughters Lissa and Janet.

Horace Mazet reports that he is "still writing." He has written poems for the Edwin Markham Poetry Society of California and his book reviews have appeared in the *Marine Corps Gazette*.

Allen C. Morrill and Eleanor Morrill have written *Out of the Blanket*, published by the Idaho University Press, the story of two spinster missionaries from Ohio (1873-1915) living with the Nez Perce Indians of Idaho. The Morrills live at 1065 Shenango Rd., Beaver Falls, Pa. 15010.

Elon J. Notley writes from Vero Beach, Fla., that twice in a span of eight days he made a hole-in-one at the Vero Beach Country Club, both times on the 16th hole.

Harold M. Soars and his wife, Grace, are

spending the winter months in Naples, Fla., at Apt. 205, Regency Towers, 3401 Gulf Shore Blvd.

At the annual meeting of the Providence chapter of the American Red Cross in October, Anna Bullock Thornton was given a Distinguished Service Award. She joined the Red Cross in 1936 and has been a volunteer worker all the intervening years, logging more hours of service than any other worker. A group of her 1926 classmates made up a special table at the dinner. Among the group were Betty Fuller Reid, Norma Mathewson Nelson, Hope Gilbert Borden, Caroline Flanders, and friends from other classes. "We were proud that Anna was finally given due appreciation for her many hours of service," writes secretary Hope Borden.

Wes Wright of Farmington, Conn., reports he keeps busy doing work for the Farmington Savings Bank as well as being chairman of the Republican Town Committee.

**27** Bill Benford substituted for class president Harry Remington at the recent meeting of the Association of Class Officers on the campus.

Irv Miner is picking up the ball this year for class agent Charlie Kenney, reports Ivy Loxley. "Charlie is progressing nicely following his stroke of a year or so ago," Irv adds.

**28** Here are some final figures on our 50th reunion, which turned out to be an impressive four-day weekend on College Hill. The total attendance was 147, and the class reunion gift of \$125,356 was the largest sum given to Brown at a 50th reunion since the 50th of 1923. In addition, it has been announced that the Brown Fund was enriched by \$48,012 raised among the men of '28. All classmates are urged to maintain ties with your classmates by sending along items for publication in this magazine to Box 1854, Brown University, Providence 02912.

**29** A committee is making plans for the 50th reunion "for the girls of '29," reports Secretary Elizabeth A. Rose. The dates are June 1-4, and the weekend will include the Brown Bear Buffet on Friday evening, a class luncheon on Saturday, dinner that evening at Maddock Alumni Center, the Pops, a Sunday brunch, and then luncheon on Monday as guests of the University. This is the outline. There will be much more, including the pleasure of seeing old friends once again and sharing memories of the past. So do make your plans now and be with us for the big 50th.

It's definitely time to start thinking about our 50th reunion in June. Features of the June 1-4 program for the men of '29 include a cocktail party and buffet Friday afternoon.

tollowed by the usual class table at the Campus Dance. The class dinner will be held at Agawam Hunt, always a congenial spot for reunion classes. Additional events planned include the Pops Concert, tours of the campus and Benefit Street, and the University forums. There will also be an hour with President Swearer. First plans will be arriving shortly. But start thinking 50th reunion and mark the dates down on your calendar.

Robert P. Leedy and his wife, Betty, celebrated their 50th wedding anniversary on Oct. 6. They were joined by their daughters, Betsey, of Kansas City, Kans., and Sandra, of Cleveland, Ohio; and their grandson, Robert, of San Francisco. The Leedys live at 5147 East 24th St., Tulsa, Okla. 74114.

Elsa Keil Sichel (A.M.) writes of her appreciation of the recent trip to Portugal and Madeira which she took with the Brown University alumni group. She thought the Brown University flight bag was a "a nice gesture."

**30** Dr. Harold Ribner reports that he retired from the practice of neuropsychiatry in 1975. His address, 365 Toilsome Hill Rd., Fairfield, Conn. 06432.

Dr. Lester H. Sugarman, Meriden, Conn., has received the Optometric Extension Program Foundation's 50th anniversary certificate of appreciation at the Northeast Congress of Optometry in Worcester, Mass.

**31** Bernard V. Buonanno, a member of the Rhode Island State Board of Regents, has been elected chairman of its subcommittee on special populations.

Edward H. Gauthier reports that his daughter, Kathy Gauthier Tichen '63, a medical writer for the *Honolulu Star-Bulletin*, has been awarded the Hawaiian Medical Association's first prize for "outstanding medical journalism."

Capt. William G. Schofield, USNR, is a regular contributor of special articles to the *Boston Herald-American*. One of his recent Sunday features was a profile of Prof. Josiah S. Carberry. Bill lives at 16 Hunnewell Cir., Newton, Mass. 02158. Carberry's address could not be found.

**32** Herbert Astmann has joined his two careers as businessman and English teacher with a book, *4 Big Steps to Success: Reading, Writing, Speaking, Listening; in Business, Industry, Education, Science, Professions, Technologies*. He has also started a professional writing and consulting service, Resume Specialists, which assists people in their search for new or improved careers. He is a professor at Erie Community College, Buffalo, N.Y.

David H. Scott is co-author of a completely revised edition of *Harper's Encyclopedia of Bible Lite*, written by Madeline S. and J. Lane Miller (Harper & Row, New York City, \$15.95). Now in retirement in Blue Hill, Maine, Dave was an editor of religious books at Harpers & Row for many years.

**33** Joe Fanning retired in September 1976 from ITI Grinnell and has enjoyed his leisure by working around his property (even leaf gathering) and taking regular trips to Poughkeepsie, N.Y. to visit his daughter and her family. Joe lives at 57

Carteret St., Providence 02908.

James E. Haap, now retired, is living at Island Club 122, 85 Fully Field Rd., Hilton Head, S.C. 29928.

Edward Kreisler has been elected for the fourth time as president of The American Club of Madrid. He lives at Pedro de Valdivia, 8, Madrid, 6, Spain.

Challenged by the success of the 45th reunion of the class, Prescott L. Laundrie finds himself a self-appointed committee of one to organize a 50th reunion of the class of 1929 at Cranston (R.I.) High School. Able assistance is being given by other members of Brown '33 who are also Cranston alumni: Katherine M. Hazard, Leonard S. Tabor, and Walter W. Brown, Jr. Prescott may be reached at 110 Sims Pl., Fayetteville, N.Y. 13066 (637-6455).

**34** Here's an alert for the men of '34. Circle the dates June 1-4 on your calendar and be prepared to come to Providence during that period to celebrate your 45th reunion. One favor: Pick up the phone, call a classmate, and sign him up, too. Your committee, headed by Marshall Allen, has put together a great weekend, one that will include a very special clambake at the Squantum Club on Saturday afternoon.

Elizabeth Whitaker Hall and her husband, Gilbert, of East Greenwich, R.I., continue to run R. E. Wallace Real Estate. Elizabeth remains active in Continental Ladies.

**35** Joseph Cuckovic, Jr., active in commercial real estate sales, has been elected to the board of directors of the Virginia Real Estate Exchangers, a marketing group with headquarters in Richmond. Joe lives at 901 Mansion Dr., Hopewell, Va. 23860.

William Lauder, Jr., retired on June 10 after eighteen years as assistant press director of the New York Racing Assn. Prior to that he had been a sports writer for the *New York Herald-Tribune* for twenty-six years. Bill lives at 8 Assist Way, Norwalk, Conn. 06851.

Henry C. Unruh (A.M.), who is chairman of the board of Provident Life and Accident Insurance Co., was unanimously chosen president-elect of the Greater Chattanooga Area Chamber of Commerce in June.

**36** Pauline M. Berger is working for NASP and reports that she sees "so many bright prospects for so few places." She is living at 10295 Collins Ave., #521 N., Bal Harbour, Fla. 33154.

Clinton S. Johnson has retired after thirty-seven years of teaching but is still involved in scouting. His address, Box 420, Whipple Rd., Cumberland, R.I. 02864.

**37** Priscilla Bryant ('38 A.M.) retired in June after forty years of teaching French at schools in Connecticut, Delaware, and Pennsylvania. "Now I'm busy with the Delaware Camera Club, AAUW, and the Alliance Francaise," she writes. Last summer she traveled to Hong Kong, Bangkok, Singapore, and Kuala Lumpur with the Brown Alumni Tours program.

John M. Crawford, Jr., reports that Dover Press has just published *Chinese Painting and Calligraphy: A Pictorial Survey*, containing sixty-nine examples from his collection of 109 photographs by Wan-go Weng (\$7.95). The

preface is by Thomas Lawton, director of the Freer Gallery, Washington, D.C. "I am especially happy that the work can be afforded by students," John writes.

Dorothy Pickett Priestman, Warren, R.I., writes: "After spending thirteen of the last twenty years in Iran, my husband and I decided to return to the U.S. last spring. We are especially distressed and very surprised at the swift deterioration of conditions in Iran. We had watched the great progress and felt much good had been accomplished by the Shah — particularly the advancement in women's rights and in the standard of living of the country as a whole."

**38** Vincent L. Benton writes: "I have just retired to Cape Cod. Formerly employed as general sales manager, automotive, Arvin Industries, Columbus, Ind." His address is 37 Touraine Way, South Yarmouth, Mass. 02664.

Dr. Charles B. Round, Warwick, R.I., writes that he was extremely flattered to be inducted into the Brown Hall of Fame this year. He has an active surgical practice. Charlie has two boys still in college and one in graduate school. His three others are through college and scattered from Washington, D.C., to Alaska. His father is Dr. Lester A. Round '10.

**39** The 40th reunion for the women of '39 will commence with a "Return to the Hill" get-together on Friday, June 1, at 4 p.m. at the Bell Gallery, List Art Building. Features of this curtain-raiser for the four-day weekend will include the senior student art exhibition, music, and refreshments. The Brown Bear Buffet and then the traditional Campus Dance round out the evening. On Saturday, there will be tours of the University and of historic Benefit Street, University forums, Alumni Field Day, and our reunion luncheon. Later Saturday there will be a cocktail party with the '39 men in the Chancellor's Dining Room, dinner at Carr's, and then the Commencement Pops Concert. An afterglow party on the Pembroke campus will close out Saturday. The program for Sunday includes a memorial service at Manning Chapel, a champagne brunch in the Crystal Room, a special tribute to Bessie Rudd, the President's Reception, Baccalaureate, and a concert in Sayles Hall. This year we want as many women as possible to plan to march down the Hill Monday morning with their classmates. It's a grand finale to a reunion weekend.

Reunion Chairman Stuart Sherman reports that plans for the 40th reunion are well underway. He asks that members keep in mind that the dates are June 1-4 and that a highlight of the weekend will be the class dinner back at the Squantum Club, which was one of the most popular events in 1974.

Samuel N. Bogorad (A.M. '49), professor of English at the University of Vermont, spent a sabbatical year studying the Holocaust. He visited concentration camps and extermination centers in Germany, Czechoslovakia, and Poland and did research on Yad Vashem in Jerusalem. Sam is now team teaching (with Paul Hilberg, author of *The Destruction of the European Jews*) an interdisciplinary course on the Holocaust and its literature.



Edward J. Deignan is living at 220 Cardinal Ln., Delray Beach, Fla. 33445, for the winter.

Ralph P. Semonoff is the president of the Rhode Island Bar Association.

Frances P. Singer Wattman has retired from library work in the Providence school system. She lives at 107 Emeline St., Providence 02906.

**40** James S. Ely writes that he has retired and is "living in splendor at Cotuit on Cape Cod."

**41** Vincent J. Creasi is working for the First Service Company, an affiliate of the First Virginia Bank, Inc. He lives at 6825 Rolling Road, Springfield, Va. 22152.

**42** Richard R. Baxter, a professor at the Harvard Law School, has been appointed to a nine-year term on the International Court of Justice, The Hague, Holland. He has been serving as editor of the *American Journal of International Law*. Dick recently served with the Department of State for three months as a member of the U.S. delegation to the Diplomatic Conference on International Humanitarian Law held in Geneva.

Dr. Charles C. Haskell has been practicing dentistry in Hyannis, Mass., for the last twenty-nine years. He reports that three of his four boys have graduated from college (one is now at Tufts Dental), and the fourth boy is in art school at the University of Hartford.

Doris Keighley Pennell writes that her son, Steven, graduated from Rhode Island College in June. Her husband, Jim, retired from his position as safe deposit officer of the Hospital Trust Bank and "is enjoying every minute of retirement." But Doris, who works in the Cranston (R.I.) School Department, is not ready to retire yet: "I worked so hard for my M.L.S. that I'd like to use it a while longer."

**43** William G. Weston, Bellingham, Mass., is an English/reading teacher with the Blackstone Valley (Mass.) Vocational Regional School District.

**44** An early start signifies the hopes of the class to make the 35th a major reunion. Your committee, which started work during the fall, is as follows: President Mike Leach, Secretary Brad Whitman, Treasurer Lloyd Cornell, Pres Atwood, Haig Barsamian, Charlie Collins, Chuck Isherwood, John Lennon, Bob Lynch, Charhe Nathanson, and Milt Noble.

Dodo Fain Hirsch, chairman of the big 35th reunion, has planned a festive weekend starting Friday, June 1, when the women join the men of '44 for cocktails. "Remember our freshman week?" asks Dodo. "How elegant we were in our smooth veiled hats and high heels dancing from class to class! Well, come see some resurrected chapeaux — try them on during our class luncheon Saturday at the refurbished, reopened Biltmore Hotel. D. J. Linton Snyder is trying to cajole Joe McV. Hunt

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Exp. date \_\_\_\_\_  
  
Signature \_\_\_\_\_



into coming. *Betty Wagner McMahon* and *Janet Sanborn Bowers* have been in touch regarding our class gift. Please think big. By now you will have received a letter about the reunion, together with an enclosure. This is your personal activities sheet prepared by *Judy Weiss Cohen*. Take a few minutes to complete the form and mail it back. We want news from one and all available when we get together in June."

*Stanley Goldsmith* has been elected to the town council of Bay Harbor Islands, Fla. He and his family have lived there for twenty years.

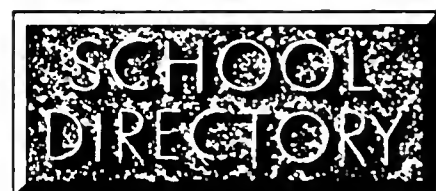
*G. Myron Leach* is first vice chairman of the board of directors and a member of the executive committee of the Federal Savings League of New England.

*James K. McNally* is an administrative assistant to the group managing partner-management consulting services for Cooper & Lybrand. Jim and his wife, Rita, have one son, four daughters, three of whom are married, and three grandchildren. They live at 2564 Rosemont Ave., Ardmore, Pa. 19003.

*George Rich III* is living in Palm Beach, Fla., where he is active in the real estate business.

*Samuel L. Thompson, Jr.*, has traded his long-time law practice in the Springfield, Mass., area to join Blackwell, Walker, Gray, Powers, Flick and Hoehl in Miami. He would like to hear from classmates at 5505 North Kendall Dr., Miami, Fla. 33156.

**45** *Elizabeth Flanagan Karr* has been named chairman of the English department at the High School of Commerce, Springfield, Mass.



## THE HARVEY SCHOOL Katonah, New York 10536

Announces the addition of a tenth grade in 1979-80, the first step in establishing a coordinational secondary school, grades 9-12, with boarding for boys. Founded in 1916, Harvey believes that a mastery of basic academic skills and a sense of order are essential for a boy's development. Hence our traditional style of education. Our existing boys' middle school, boarding & day, grades 4-8, will continue as a distinct entity. Mr. John H. Burbank, Jr., Assistant Headmaster, (914) 232-3161.

**46** *Sybil Blackman Lesselbaum* is sales manager of Manpower Temporary Services, Inc., covering all the Rhode Island offices.

*Dr. Leon J. Marks* writes that his son, *Stephen A. Marks*, entered Brown as a freshman in September.

*Bunny Cohan Meyer* writes: "In addition to chairing the NASP program in Miami, I continue to serve on the board of trustees at the Museum of Science, the board of directors of the Visiting Nurse Association of Dade County, and as radio and TV chairman for the Orange Bowl Luncheon and Fashion Show." *Bunny* lives at 175 S.E. 25th Rd.-8D, Miami, Fla. 33129.

*Albert Novikoff* and his wife, *Daniele*, report the birth of their first child, *Alexis James*, on Oct. 13. The family lives at Washington Square Village, New York, N.Y. 10012.

*Joseph Penner*, Sarasota, Fla., is chairman of Penner Financial Group and chairman of First Independent Bank, N.A. Joe has been serving on Brown's Corporation Committee on Development.

*Roderick I. Phinney* has retired to the "sun and golf" in Sarasota, Fla. His address: 3592 Ferndell, Sarasota 33480.

**47** *Robert J. James*, Barrington, was re-elected to a third term in the Rhode Island Senate on November 7. "As a Republican, this is news!" he writes.

**48** *Dr. Robert G. Petersdorf* has been elected a director of the American Hospital Supply Corp. Bob is chairman of the department of medicine at the University of Washington.

*Dr. Paul Rosch*, Yonkers, N.Y., secretary and executive committee member of the State Society of Internal Medicine, has been nominated for the State Medical Society's '78 President's Citation, awarded to "a physician outstanding in the community for public service totally unrelated to the physician's medical practice." Paul has served on the Yonkers Youth Board, been first chairman of the city's Community Action Program, and served on a number of other community-related boards.

*Frank O. White*, a trustee of the Oneida Savings Bank, lives with his wife, Jane, at 20 West Pleasant St., Hamilton, N.Y. 13346.

**49** *Phyllis Bogardus Billhuber* and her husband, *Ernie*, moved to Annapolis, Md., two years ago because of his job as general sales manager for the In-the-Water Boat Shows, with headquarters there. She had to leave her job as sales representative with British Airways (BOAC) after eighteen years because of their move. Phyllis, however, still loves to travel. She designed their Annapolis house and supervised its building. Phyllis writes: "I play a lot of tennis and golf and ski in winter. I play in local tennis tournaments and have held the No. 1 place on the Anne Arundel County tennis ladder of seventy-eight ladies throughout the summer and fall."

*J. Paul Cali* retired in January after thirty years of federal service, the last twelve at the National Bureau of Standards, where he directed the standard reference materials program. Two of his four daughters are *Andrea*

'72 and *Nancy* '77. Paul lives at 16405 Kipling Rd., Rockville, Md. 20955.

*Roland Clement*, vice president of the National Audubon Society, is a member of the board of trustees of the Environmental Defense Fund of New York City.

*Donald B. Hyde* writes that "after almost four years of retirement I still haven't gotten all the things done I said I would do when I quit working." He can be reached at P.O. Box 793, Kennebunk, Maine 04043.

*Kenneth W. Macdonald* has been appointed director of international sales for Adalet-PLM Division of Scott & Fetzer. He lives at 13946 Oakbrook Dr., North Royalton, Ohio 44133.

*Hazen Y. Mathewson* is in charge of the trust department of Factory Point National Bank in Manchester Center, Vt.

**50** *Theodore B. Brown* is vice president of Amica Mutual Insurance Co., Providence.

*Edward B. Corcoran*, a veteran Republican member of the Newport (R.I.) City Council, was the top vote-getter as the Republicans regained control of the Council for the first time since 1969 during the November election.

*Robert D. Hall, Jr.*, is chief executive officer of St. Jean's Credit Union, Lynn, Mass., the nation's oldest credit union.

*James R. Heblen* is comptroller of the Delco Electronics Division, Kokomo, Ind.

*Andrew P. Svanason* has entered a new career by starting CSC (Community Services Consultants), Ltd. He has published a book, *The Determinative Team: A Handbook for Board Members of Volunteer Organizations*. His address is P.O. Box 2644, Providence 02907.

*Herbert E. Torberg*, Easthampton, Mass., is president of Kollmorgen's Electro-Optical Division. He and an associate recently were co-authors of a chapter of the *Handbook of Optics*, published by McGraw-Hill. They prepared the chapter, "Optical Instruments for Metrology," a section dealing with optical metrology, the theory and use of various instruments, and the statistical approaches to processing the information obtained by these instruments.

*Fletcher W. Ward* is chairman of the board of directors of Sweist, Inc., a Dallas-based supplier to the jewelry industry. He is also a member of the board of directors of the Bank of Dallas and is active in the Young Presidents Organization and the Dallas Rotary Club.

**51** *Graham D. Andrews*, Newtown Square, Pa., has been elected to the board of managers of Saint Christopher's Hospital for Children.

*John N. Carpenter* is senior vice president, marketing services, with the W. E. Long Co., a Chicago advertising agency. He is a resident of Lake Forest, Ill.

*Donald C. Freeman*, former president of Friesen International, a subsidiary of American International, has been named president of Davol, Inc., Providence. Don holds a doctorate in chemistry from the University of Maryland.

*James M. Phelan* is the postmaster in Warwick, R.I. "Am also coaching half of the Brown Swim Club, an AAU-age group team in Warwick." His son, *James Michael*, is a

freshman at Brown and is a member of the swimming team.

*Shepherd Sikes* has been appointed director of automotive operations for the Fiber Glass Division of PPG Industries, Pittsburgh, Pa.

*Mansfield S. Templeton* is president of the consumer products division of Riegel Textile Corp., Johnston, S.C.

**52** *Lester Halpern* has been elected second vice president of the Holyoke (Mass.) Taxpayers Assn. A certified public accountant, Lester heads his own accounting firm, is a director of the Third National Bank of Hampden County, and is a former president of the Connecticut Valley Brown Club.

**53** Dr. *George A. Bray* informs us that while he was in London recently on sabbatical from his position at the UCLA School of Medicine he was invited back to Washington for an interview with the Secretary of Health, Education and Welfare and the Assistant Secretary of Health. "They were looking for a co-ordinator of nutritional activities within the department," he says. "Shortly after returning to London, I was offered the job. On Oct. 2, I became the first co-ordinator of nutritional activities for HEW. It looks to be a most challenging position."

*Robert J. C. Burnash* is a co-recipient of the Public Service Award of the Commerce Department's National Oceanic and Atmospheric Administration for his work in water management during the 1975-1977 drought in California.

*Walter G. Driscoll* (Ph.D.), of St. Vincent Hospital, Worcester, Mass., is editor-in-chief of the *Handbook of Optics* (McGraw-Hill).

*Marcia Wallace Rogers* and *William E. Kurtz* were married at Dickinson College Sept. 4 and are living at 18 Yale Sq., Morton, Pa. 19070. "Bill is proprietor of the Inglenook Restaurant, Swarthmore, Pa.," *Marcia* writes.

The Rev. *Edgar F. Wells* became rector of the Church of St. Mary the Virgin, 145 West 46th St., New York City, on Jan. 15. For the past thirteen years, Mr. Wells had been vicar and then rector of the Church of the Annunciation of Our Lady, Waukegan, Ill.

**54** Class President *Tom Gagliano* reminds classmates that the big 25th reunion is less than six months away. Reunion Gift Chairman *Tom Donaldson* and his committee have obtained several pledges toward the goal, which has been set at \$300,000. Each member of the class will be contacted shortly for a pledge. Details for the four-day weekend are being mailed to all classmates, who, in return, are asked to send along information about themselves and their activities to President Gagliano, who is a partner in the law firm of Gagliano, Tucci & Kennedy, 1090 Broadway, West Long Branch, N.J. 07764. Tom was recently elected to the New Jersey State Senate. "It's hoped that the merger of the Brown and Pembroke classes of 1954 will be finalized in the near future," Tom writes.

As of December, more than forty former Pembroke had announced their plans to attend the 25th reunion on June 1-4. *Maureen*

*O'Brien Sheehan* and her committee have put together an exciting weekend, one that includes several events with the men of '54. Exclusive to the class will be the luncheon at List Art Building on Saturday, which will feature good food, good conversation, and an "arts potpourri" program starring several of our classmates. More details will follow, but in the meantime please reserve the dates of June 1-4 for the once-in-a-lifetime thrill of a 25th reunion on College Hill.

*Claudette Berube Belyea*, Huntington Beach, Calif., is systems analyst for Computer Sciences Corp. Her two daughters are Denise, 19, a sophomore at Long Beach State University, and Michele, 17, a senior in high school.

*Donald H. Breslow*, director of engineering at Itek Corporation's Measurement Systems Division, was cited recently for six inventions he has developed. He lives at 6 Blueberry Cir., Framingham, Mass. 01701.

*Thomas J. Cashill* writes: "I completed twenty years with Burlington Industries in June and look forward to the next twenty living in Barrington, R.I." Tom works in the South Attleboro (Mass.) office. He has a son at the University of Rhode Island and one at Hun School in Princeton, N.J., who hopes to attend Brown in the fall. Tom's daughter is in high school and has dreams of going to medical school. His wife, Alice Williams Cashill, has a career with Planned Parenthood.

*Leslie B. Disharoon* has been elected president and a director of Monumental Corp., 2 East Chase St., Baltimore, Md. 21202.

*John S. Edgecomb* is head of the pitching department at Ralston Purina's mushroom farm in North Franklin, Conn., and still plays Dixieland jazz, especially in the summer on the steamboat Sabino out of Mystic Seaport.

*A. Edward Giberti*, Norwood, Mass., has been appointed divisional vice president of Polaroid's Asia-Pacific operations.

*John H. Henkel* (Ph.D.) is professor of physics at the University of Georgia in Athens.

*Lynn Campbell King* and Gregory M. Morris, a research associate in pathology at SUNY Stony Brook, were married in September. Lynn, a foreign student adviser at Stony Brook, has completed all her courses and exams for the Ph.D. and is writing her dissertation on Old English literature. Her children, Paul, 16, and Jennifer, 14, are in high school. The family lives at 43 Ivy League Ln., Stony Brook, N.Y. 11790.

*Ken Lindsay* is dealer development manager with Saab-Scania of America, Orange, Conn. He lives at 446 Evergreen Ave., Hamden, Conn. 06518.

*Barbara Mesrow Miller* reports that her daughter, Liz, is a freshman at Brown.

*Anne Barr Wenzel* writes that she and her daughters, Susan, 17, and Margaret, 10, had an exciting ride through the Panama Canal on the Belleau Wood LHA3. "With the boat 106 feet wide, it was a tight squeeze in the 110-foot wide lock." Anne's address: Lincoln Life, Box 551, Balboa, C.Z., Panama.


**55** *Donald R. DeCicco* writes that he has resigned as president and director of Entwistle Company and is looking for a smaller firm to acquire. His address: 595 Central St., Boylston, Mass. 01505. "Would like to hear from classmates," he adds.

*James T. Egan* is a member of the board of directors of Paoli (Pa.) Memorial Hospital.

**56** *John F. Baird* is manager of product development and business analysis for IBM in White Plains, N.Y.

*Jennifer "Jiffy" Morgan Massey* is a real estate investment counselor with Century 21 Shelter Investments, 1621 E. 17th St., Santa Ana, Calif. 92701, specializing in apartments, land packaging for developers, syndications,




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limited partnerships. She lives in Mission Viejo, Orange County, with her husband, John (Cornell '55), a civil engineer, and children Hilary, 15, John III, 13, and Justin, 9. Jiffy writes that she would love to hear from old friends.

Lester R. Peavy is living in East Providence, R.I., and working for the Rhode Island Department of Employment Security.

Gail Scott Sleeman's husband, John, is president of Teledyne Rodney Metals in New Bedford, Mass. Their children are John, Jr., 20, who transferred to the University of Massachusetts this year from Brown; Flip, 18, a freshman at Pennsylvania; and Deb, 17, a junior at Dartmouth High School. Gail is researching the history of the New Bedford Yacht Club and would welcome any information about people connected with the club. She is also a part-time reader of arctic whaling logs for a census of the 19th century bowhead population, and is a docent at the Old Dartmouth Historical Society Whaling Museum.

Dr. Josef Soloway is practicing pediatrics in Forest Hills, N.Y., in a four-man group. He is also an assistant clinical professor of pediatrics at the Cornell Medical School. Dr. Soloway is a chairman of Brown's NASP committee in Queens and would welcome any additions to his committee. He lives in Jamaica Estates with his wife and three of their four children, Liz, Andy, and Todd. Greg is a freshman at Brown.

**57** Richard D. Godfrey is vice president of the Trust Company of the West in San Francisco, a firm specializing in the management of large corporate pension funds. "Abby Brown lives down the street (in Pacific Palisades)," he says.

John F. Nickoll, Beverly Hills, Calif., a NASP regional director for Region 9, reports that his son, Daniel, is a member of Brown's freshman class.

John J. Roe III, a member of the law firm of Pelletreau & Pelletreau, of Patchogue, N.Y., has been elected a director of the Suffolk County Bar Assn. John is also chairman of the New York State Bar Association Committee on Professional Economics and Efficiency Research.

**58** Jack Anderson, Rochester, N.Y., is an investment counselor with Howe and Rusling. He and his wife, Anne Chmielewski Anderson (see '59), have two children: Brian, 10, and Kirsten, 8.

Constance Black Engle is a catalogue librarian at Wayne State University in Detroit. Her husband, Earl, is a staff analyst in the financial department of General Motors Assembly Division's central office in Warren, Mich. James is 13 and Douglas is 10. The new address for the family is 5221 Longmeadow Dr., Bloomfield Hills, Mich. 48013. Connie would welcome knowing about any Brown alumni in the area.

James Etuckman (Ph.D.) has completed an anthology of western American literature under a grant from the U.S. Office of Education. He lives in West Newton, Mass.

John J. Rouch is a senior vice president for Home Federal Savings and Loan in San Diego. He and his wife, Judy, have two sons — Josh, 17, who will enter the University of

California at San Diego next year, and Jason, 9.

Dion Shea, Stony Brook, N.Y., is head of the Society of Physics Students, American Institute of Physics. He and his wife, Mary Gingras Shea (see '59), have two children: Dion, Jr., 13, and Nancy, 11.

William Silvert ('65 Ph.D.) is working at the Marine Ecology Laboratory, Bedford Institute of Oceanography, Dartmouth, Nova Scotia.

Edward J. Williamson is deputy director of acquisition and contract policy in the Office of the Assistant Secretary of the Navy (Manpower, Reserve Affairs and Logistics) in Washington, D.C. He and his wife, Teresa, and their two daughters, Anne Marie, 13, and Mary Elisabeth, 11, live in Springfield, Va.

**59** John Blish and David Merchant have been named co-chairmen of the 20th reunion and have worked with the committee on plans for the June 1-4 weekend on campus. The class will be involved in all of the University-sponsored events, but we are also planning at least two gatherings with a special '59 flavor: a Friday afternoon social hour at our headquarters and a gala Saturday evening dinner at the Turks Head Club prior to attendance at the Pops Concert.

Ann Chmielewski Anderson is chief of inpatient social work for the department of psychiatry at Strong Memorial Hospital, Rochester, N.Y., and is also in private practice. She is co-chairwoman of the National Alumni Schools Program for Brown in her area. Ann and her husband, Jack (see '58), have two children: Brian, 10, and Kirsten, 8.

Lt. Col. Richard J. Beland is stationed at Langley AFB, Va., as an air operations officer with a unit of the Tactical Air Command.

John H. Blish, a partner in the Providence law firm of Edwards & Angell, has been elected to the board of overseers of Moses Brown School. He recently completed a term as secretary of Brown's Associated Alumni. John's wife, Jody, teaches mathematics at Lincoln School, Providence. They live in Rumford with their children, Geoff, 9, and Kate, 6.

A. Stephen Bouan, Jr., is on sabbatical leave from the University of Maryland-Baltimore County to work on a book entitled *If People Were Angels: Restoring Governmental Accountability*. Steve is also organizing, for the American Ethical Union, a nationwide support group for people who blow the whistle on illegal, unethical, or wasteful governmental practices.

Stuart L. Fleischer is a partner in Arthur Young & Co., the accounting firm. He lives at 25 High View Rd., Ossining, N.Y. 10562.

C. Douglas Fenner is chairman of the foreign language department at the Loomis-Chaffee School, Windsor, Conn.

Richard E. Griener has been with Corning Glass Works for sixteen years and is senior sales representative in scientific glassware and equipment for the eastern Pennsylvania, South Jersey, and Delaware region. Dick is married and has two boys and one girl. He lives at 65 Davis Rd., Ambler, Pa. 19002.

Dr. Craig A. Harris is practicing internal medicine in Cumberland, R.I., where he also serves as director of the department of medicine at Woonsocket Hospital. He and

*continued on page 44*

## Roger Vaughan: 'What turns me on is making people laugh'

As you turn into the driveway of Roger Vaughan's house in Little Compton, Rhode Island, the first thing that's likely to catch your eye — apart from the broad sweep of open field around the house and the view of the Sakonnet River beyond — is three bulky sheep standing in a knot next to the house, regarding you with placid curiosity. Their presence here, beside an angular glass-and-shingle home of unmistakably contemporary design, is like a gentle joke. Yet they obviously regard you as the intruder.

Inside, you pass through a living room with a two-story ceiling and two platform bunk beds built under an overhanging deck. In the sitting room beyond, an assortment of antique furniture surrounds an Ashley wood stove, which, as it turns out, heats almost the entire house. A cat is snoozing in front of the stove, another on the couch, and two large, friendly dogs wriggle up to you. (There are nine household pets in all: seven cats and two dogs. The sheep also try to come in the house sometimes, considering themselves part of the family.) Looking out the window, you notice an assortment of large wooden odds and ends (a trestle, a hot tub, etc.) dotting the five-acre field like so many free-standing sculptures.

This cozy eclecticism aptly mirrors the persona of Roger Vaughan — class of '59, former editor for the *Saturday Evening Post*



John Foraste

and *Life*, former director of the Brown News Bureau, freelance writer and photographer, biographer of Ted Turner '60, and chronicler of the 1974 America's Cup. Also: erstwhile musician, choirboy, welder, ski patrolman, encyclopedia salesman, commercial fisherman. And: sometime carpenter and sculptor, self-described "sailing freak and good tennis player," Red Smith fan, creator and purveyor of a concoction called a dessert pizza, husband of Karen (a.k.a. "Possum"), father of Roger Jr., stepfather of Kim.

The day we visited Roger, he took us on a tour of the house, showing us the garage they had converted to an extra room, where two Sunfish sails were hanging from the ceiling (he races in the Barrington frostbite fleet every Sunday). The deck and platform beds in the living room are his own handiwork; the deck serves as an office for Karen, who is a freelance advertising set designer and photo stylist.

Roger's office is in the basement, where he also does carpentry and is working on a free-form sculpture of metal, wood, and styrofoam. The sheep, incidentally, are put to good use: the lambs they produce are eventually sent out to be slaughtered for their meat and fleece, and each year a man comes to shear the sheep. The wool is then sent to a firm in Maine to be carded and made into yarn, which went into making one

of Roger's favorite sweaters.

In a sense, Roger earned his freedom — or was propelled into it — by spending eight years in the New York magazine-publishing rat race. It wasn't all bad, his four years at the *Post* were "hectic, exciting, romantic," and he met Karen in the hallways of the Curtis Publishing Company, where she was photo editor of the *Ladies' Home Journal*. (He calls it "a New York mass media meeting.") At *Life*, he was youth and education editor during the late '60s. "It was a gas," he said. "We covered drugs, politics, music, the whole scene." But eight years in New York took their toll, personally and professionally, and in 1970 he moved to Little Compton and "ceased the throttle," working as a writer, commercial fisherman, and photographer and trying to stay afloat financially.

Since then, he's set his own pace — except for three years (1972-75) as director of the Brown News Bureau, a job that was "more to my liking than I could have imagined" but which he quit in order to finish his first book, *The Grand Gesture*. The pace has been good for him. In a 1973 update of his autobiographical resume, he wrote, "Highest of all is that I am enjoying writing again. I used to enjoy writing. That was before I worked at it for the *Post*, *Life*, *Life* in particular almost soured it for me permanently. But I am into it with improved concentration

spans and renewed energy, and I am grateful it is all still there."

When we visited Roger in December, he was doing his usual juggling act: one project completed, another underway, another in the planning stages. His second book, *Ted Turner: The Man Behind the Mouth*, had come out a few weeks earlier and was picked as an alternate selection for the Book-of-the-Month Club in February. Roger had just got back from a trip to California, where he was doing a photography assignment for the National Committee Arts for the Handicapped about a project to improve the quality of life for severely and profoundly handicapped children, and was about to leave for Washington to continue working on it.

His next venture is a non-fiction novel (the genre made popular by Truman Capote), which he described as "your basic smuggling story. It's based on a 1965 event in California that's still simmering. No violence — just humor and sex. What turns me on most is making people laugh. If I can do that, I'm happy."

J.P.

his wife, Judy, and their children are living in Cumberland.

*Kenneth H. Hauck* is now director of sales marketing with the International Division of Allen-Bradley in Milwaukee, Wis.

Dr. *Bernard F. Lane* is professor of pathology at SUNY at Stony Brook. He and his wife, Dr. *Dorothy Lane*, have three children: Eric, 11; Andrew, 10, and Matthew, 7.

*Melvin Lerner* and his wife, Wendy, live in New York City where Mel is a partner in L. F. Rothschild, Unterberg, Towbin. His company's name was incorrectly reported in the November class notes.

*Sally Spaugh Mahan* is back home after a sabbatical year in Goteborg, Sweden, where her husband, Jerry, was a Nordita Scholar and visiting professor of physics at Chalmers Institute of Technology. They live at 805 Meadowbrook, Bloomington, Ind. 47401.

*Alan P. Miller* is a partner in the Chicago law firm of Goldenson, Kiesler, Berman & Brenner, which specializes in civil jury trial work.

*John Lee Oliver* has been elected a senior vice president of The Marshchalk Co., a New York advertising agency. "My daughter,

*Victoria*, entered Brown this fall," he writes.

*Jane Kates Pincus* writes: "We [her husband is *Edward Pincus* (see '60)] live in Roxbury, Vt., with our children, Sami, 13, and Beau, 9, and our animals (ducks, cats, dogs, cows, horses) and gardens. Am in the process of deciding what kind of farm we want to have. I plan to go back to high school teaching and am taking Spanish courses. I'm still an ongoing member of the Boston Women's Health Book Collective, and have written a very small part of our new book, *Ourselves and Our Children*, published by Random House, a book about being parents."

*Lois A. Rappaport* is on the research faculty at the Wharton School of the University of Pennsylvania, specializing in international labor relations. Before joining Wharton in 1977, she was a second vice president of the Chase Manhattan Bank for eight years, serving as manager of domestic and international labor relations research.

Dr. *Clark A. Sammartino* is chairman of the Rhode Island Health Education and Building Corp., having been appointed by Governor Garrahy. Clark is chief of oral and maxillofacial surgery at Roger Williams General Hospital and is a diplomate of the American Board of Oral and Maxillofacial Surgery. He lives with his wife, Carole, and their four children in North Kingstown, R.I.

*Mary Gungas Shea* is director of the informal studies program at the State University of New York at Stony Brook. She was formerly publications editor of the Three Village School District and chairman of the Environmental Centers at Setauket-Smithtown, both part-time positions. Megs and her husband, *Dion* (see '58), have two children, *Dion, Jr.*, 13, and Nancy, 11.

*John W. Soggs* writes that he has been operating a real estate brokerage and development business in New Hartford, N.Y. He is also secretary of the Greater Utica Board of Realtors. "I've been interviewing Brown subfreshmen for several years now and have opened my home for a Christmas party several times to introduce applicants to our regional Brown undergraduates. It's great to see the quality of the current student

body."

*Rich Teuscher*, 2507 Rosefield, Houston, Texas 77080, writes: "Wife Sherry, children Wiley, 15, Fritz, 11, and Jon, 4, and myself are finally back in Texas after a four-year stint in New Jersey. Am employed as the sales manager for the Gulf Coast area by Keuffel & Esser, for whom I have worked fifteen years."

**60** *Veronika Albrecht-Rodriguez* sends news of her new job as assistant professor of foreign languages at the University of Miami in Coral Gables, Fla. She and her husband, Benjamin, a builder and cabinet-maker who is buying, restoring, and selling old houses, report the birth of their first child, Maria Veronika, on Sept. 2, 1977.

*James M. Bower* is the new director of St. Thomas's Day School in New Haven, Conn. Jim had been an educational consultant for Sen. Jacob Javits of New York, charged with studying Title I programs in the New York City schools.

*Jim de Merlier* is director-marketing development for the photographic division of Minolta Corp., Ramsey, N.J. Jim lives in Woodcliff Lake, N.J., with his wife, Patricia, and children David, Kevin, and Anne Marie.

*Thomas Fenninger* (Sc. M., '64 Ph.D.) and his wife, Donna, report the birth of their third daughter, Ingrid Julia, on April 7. After nearly eight years at the Escuela Politecnica Nacional in Quito, Ecuador, he and his family "headed north" to a home at 49 River Dr., Hadley, Mass. 01035.

*Richard P. Hodges* is selling an energy conservation product for American Energy Control, Framingham, Mass.

*Edward R. Pincus*, who lives in Roxbury, Vt., with his wife, *Jane Kates Pincus* (see '59), and their two children, teaches film-making at MIT, commuting once a month, and takes courses in agriculture at Vermont Technical College. He has just completed a new film, *Life and Other Anxieties*.

**61** *David Groh*, now "divorced" from Rhoda, his TV wife, is enjoying a successful run on Broadway in Neil Simon's play, *Chapter Two*.

*Emily Arnold McCully* has illustrated the children's book, *Where Wild Willie*, by Arnold Adott (Harper Junior Books).

**62** *Lucinda Lunne Bruner Bryant* moved to Boulder, Colo., last summer. She is studying Russian and doing volunteer work. Edward is 10 and Katherine is 7. Her address: 5190 Ingersoll Pl., Boulder 80303.

*J. Jonathan Frank* is executive vice president of Omnicon Corp. He and his wife, Virginia, and sons Morgan, 6, and Gunnar, 4, have moved to Canfield Rd., Essex, Conn. 06426.

*Stanley L. Freedman* is teaching guitar, music theory, and jazz history at Hope High School in Providence. He is also conducting a community choral group dedicated to Jewish choral music.

*Christopher G. Graham* is a trust officer in the Crocker National Bank in San Jose, Calif. He's an active sportsman and travels a great deal.

Dr. *Steven V. Hershenov* practices medicine at Chestnut Hill (Mass.) Medical Center and is on the faculty at Harvard Med-

ical School as a lecturer in medicine. He and Rachel are the parents of Barry and Andrew.

*David B. Kauffman* writes: "After several years of coping with the frustration of development, I turned to working with other people's real estate problems about three years ago. As a real estate consultant, I spend most of my time with problem loans and service corporation projects of 1st Federal Savings of Philadelphia. This is my fourteenth year as treasurer of the Brown Club of Philadelphia, and together with fund-raising and NASP interviewing, I keep in touch with Brown."

*Emily Mott-Smith Mackenzie* received her M.A. from the University of Connecticut and has been a counseling intern at a vocational technical high school. Her husband, *Richard*, has been made a partner at Day, Berry & Howard of Hartford. Emily has been president of the Manchester Council of PTAs and area chairman for NASP. The couple lives at 15 Plymouth Ln., Manchester, Conn. 06040 with their children: Jennifer, 11, Meg, 8, and Hannah, 5.

*Peter A. Papadopoulos*, Newington, Conn., has been named vice president of Heublein Spirits Group. He and his wife, *Josephine Marchetti* (see '65), have five children: Jill, 11, Peter, 9, David, 7; Mark, 5; and Cara, 2.

Dr. *Stephen M. Pizer* spent a sabbatical year in England doing research at University College Hospital. He's associate professor of computer science and adjunct associate professor of radiology at the University of North Carolina at Chapel Hill. Steve plays the clarinet regularly in chamber groups and orchestras. He and his wife, *Marilyn Clossen Pizer* '63, have two daughters.

Dr. *Michael Edward Slayton* is in the private practice of internal medicine with three other internists in Blacksburg, Va. He and Margaret Anne are the parents of Andrew, 6, and Emily, 6.

*John R. South* and *Martha Hill South* are living in Neuilly sur Seine, just outside Paris, where they came from Minneapolis in 1977. John is general manager of Graco Operations in Europe, North Africa, and the Middle East. Martha and daughters, Laura, 10, and Julie, 7, are enjoying life in France and are taking advantage of the opportunity to travel through Europe.

**63** Dr. *Roger A. Breslow* and his wife, residents of Utica, N.Y., report the birth of a daughter, Stephanie Marie, on Aug. 9.

*Sally Curtiss Campbell* has been elected president of the New York Public Library Union, Local 1930, AFSCME. Her husband, Chuck, is the manager of Book Branch East at 63rd E. 8th, a new shop in the Village specializing in classical music records as well as books on the arts in the broadest sense. "I had to run twice for my presidency due to election error, winning by fourteen votes the first time and by 150 the second time around," Sally writes. "There are 1,500 members in the union, including library workers at the famous 42nd St. & 5th Ave. Central Building, and more than eighty branches in three boroughs. Trying to get people to understand that workers are as invaluable in a library as books can sometimes be difficult."

*Carole Jones Duncen* is vice president of Commercial Account Operations, New York City.

*Anthony B. Fruhauf* is headmaster of The Prairie School, Racine, Wis.

*Tom Generous* has resigned as chairman of the history department at Choate Rosemary Hall, Wallingford, Conn., to return to his first love, the "education of students." He writes: "Serving as chairman has taken me out of the classroom and also away from coaching to a degree that I haven't enjoyed. The school is now undertaking a search for a replacement. I imagine that it will require at least fifteen minutes of concentrated thinking to come up with someone. But when the task is completed, I'm back to where I belong, and where I feel the most competent."

The Rev. *Henry L. Hammond* is a stockbroker for Kidder, Peabody and Co. in its Baltimore office. He continues to be an active Episcopal priest on a non-stipendiary basis.

*Atkin Y. Simonian* is marketing manager for the tin and zinc operations of the Plating Division of M&T Chemicals, Inc. He lives in Little Silver, N.J.

*Kathy Gauthier Titchen*, a medical writer for the *Honolulu Star-Bulletin*, has been awarded the Hawaii Medical Association's first prize for "outstanding medical journalism."

*Doris Aldrich Wilk* is a vice president of Hospital Trust National Bank in Providence.

*Gordon Ryerson Williams, Jr.*, Wayland, Mass., has been named senior trust officer, trust division, at The First National Bank of Boston.

**64** You have heard from *John Lewis* and his committee that plans for the 15th reunion are underway. Two mailings have encouraged you to save the weekend of June 1-4 for a return to the scene of the social and academic adventure of your youth. We think now that you have the message that this is going to be a big reunion — an important reunion — and that we want you there. We hope to carry the names of those signing up early in subsequent issues of this magazine. At any rate, keep those cards and letters coming to: 1964 15th Reunion, Box 1859, Brown University, Providence 02912.

*Dr. Richard A. Baum* is an assistant professor at the University of Maryland School of Medicine and is director of the Maryland Treatment Center, National Cooperative Gallstone Study. He and his wife report the birth of their daughter, Alice, on April 29, 1977.

*Douglas G. Beattie*, a resident of Binghamton, N.Y., since 1970, four years ago founded a counseling center called Twin Tiers Human Services, where he works as a psychotherapist. "I have been doing consultant work and training with various organizations, including several local IBM plants," he writes. "Recently, I have written some stories and poetry. Am also constantly involved in research on the interplay of emotions and thinking in the human personality. Where I work, we have integrated a variety of therapy approaches to allow people to make effective changes. We are committed to a holistic approach to health problems and work closely with the medical community in dealing with the psychosomatic element in all illness."

*John Paul Cannon* has been in charge of the acting program at Southern Illinois University for the past six years, in addition to acting and directing professionally. He recently directed an original play that later was a finalist in the American College Theater Festival.

*Tom Draper* and his wife, Rachel, of Milford, Del., have four children: Mariah, 8, Molly, 7, Hank, 3, and Bill, 2. Tom is still the owner-operator of Broadcasters, Inc. (WTHD-AM/WAFL-FM). This fall he completed the Milford Plaza Shopping Center and has been appointed a director of the Milford Trust Co. Rachel has been named a member of the board of trustees of the University of Delaware. Tom is a member of the board of Northfield-Mount Hermon School. Their address: Box 324, Milford, Del. 19913.

*Steven H. Grindle* and *Merilee Serrill Grindle* (see '73) report the birth of their first child, Alexandra Hale, on Aug. 24. They have moved to 38 Chestnut St., Wellesley, Mass. 02181.

*Conrad Lyle Ober* and his wife, Elaine, live in Eugene, Oreg., where Conrad is the director of Diversified Production Systems, a sheltered workshop offering vocational training to handicapped adults. Elaine and Conrad have two children, Heidi Elaine, 3, and David Alexander, 1.

The Rev. *James A. Simpson* is associate pastor of the First Church of Christ in New Britain, Conn.

*Peter R. Timms*, director of the Fitchburg (Mass.) Art Museum, has joined the faculty of Applewild School for the 1978-79 academic year. He teaches a ninth-grade anthropology-archaeology course.

*Bruce T. Williams* is an associate professor of anthropology at the University of Pittsburgh campus at Johnstown, Pa.

**65** *Carl A. Anderson* (Ph.D.) is the New England area manager for Hastings, a New York construction firm. He and his wife, Jan, have a second daughter, Kirsten. They live at 10 Woodcrest Rd., Manchester, Mass. 01944.

*Sam Baumgarten* is teaching physical education in an elementary school in Stony Brook, N.Y. He is also coaching and refereeing youth soccer. In his spare time Sam enjoys square dance calling.

*Leslie Blatt* and his wife, also named Leslie, report the birth of their first child, Cheryl Elizabeth, on November 1.

*F. Dane Buck, Jr.*, is an associate professor at Franklin Pierce Law Center in Concord, N.H. During a "partial sabbatical" last year, he obtained a master of laws degree in taxation from Boston University Law School.

*William A. Clineburg, Jr.*, is a partner in the Atlanta law firm of King & Spalding. He and his wife, Sue, report the birth of their first child, Allison Ann.

*James P. Henry* is an advisory programmer at IBM in San Jose, Calif.

*Dr. Richard W. Holt* has completed his residency in general surgery at Georgetown University Hospital, where he is an instructor in the division of surgical oncology. His address is 2475 Virginia Ave. NW #222, Washington, D.C. 20037.

*Robert V. Howland* is director of telecommunications and mail at Syracuse University.

*Arline R. Kiven* (A.M.) was elected in

May to a two-year term as president of the Rhode Island Junior College Faculty Association.

*Dr. Daniel J. Koretz* and *Diane C. Schultz*, of Walworth, N.Y., were married on Nov. 4. The couple is living in Ontario, N.Y.

*Josephine Marchetti* graduated from the University of Connecticut School of Law with high honors last year. She is serving for one year as law clerk in the appellate session of the Superior Court, Hartford, Conn. She and her husband, *Peter A. Papadopoulos* (see '62), have five children: Jill, 11, Peter, 9, David, 7, Mark, 5, and Cara, 2.

*Michael O. Sanderson* is manager of the Merrill Lynch, Pierce, Fenner & Smith office at 7 New England Executive Park, Burlington, Mass. 01803.

*Dr. Thomas P. Sulco* and his wife report the birth of a daughter, Sarah Jane, in October. Tom is assistant professor of orthopedic surgery at Cornell Medical College and Hospital for Special Surgery, New York City. His wife, Cynthia, is on leave of absence as assistant professor at Hunter College Graduate School of Nursing.

**66** *Jay Baer* reports that he is a partner in the law firm of Wolf, Block, Schorr, & Solis-Cohen in Philadelphia. He and his wife, *Carol Ferst Baer* (see '69), have two children: Andrew, 8, and Alison, 5. They live at 640 Addison St., Philadelphia, Pa. 19147.

*Leonard A. Caldwell* is manager for European, Middle Eastern, and African activities of the First Pennsylvania Bank branch office in London. "Substantial travel from London throughout the general area, in addition to supervision of London Branch and Frankfurt Representative offices, are included in the assignment," Len says. "Nancy and my three daughters are all settled nicely in a beautiful home in Hampstead, a section of London, and all are continuing to pursue various academic pursuits — Nancy in biology and the girls at the American School in London."

*David Deutsch* is an instructor at Queens College, N.Y. He is also president of the Community Health Laboratories in Great Neck, N.Y. Dave lives at Bridle Path East, Sands Point, N.Y. 11050 with his wife, Gail, and sons Derek, 9, and Brian, 6.

*Jon C. Keates* became director of alumni relations at George Washington University in Washington, D.C., in October, having resigned from his position as director of alumni relations at Brown.

*Dr. Richard Kops* and his wife, Alice, report the birth of a son, Gregory Michael, on Oct. 24. Dick is senior fellow in pulmonary medicine at Martinez Veterans Hospital, University of California at Davis.

*Lawrence A. "Chip" Quinn* and his wife, Kathleen, report the birth of their second child, Alanna Sullivan, on Sept. 2. Brenna Driscoll was 3 in November. The family lives in Denver, Colo.

*Meryl Smith Raskin* and her husband, Raymond, report the birth of their third son, Ari Daniel, on Jan. 20, 1978. Fredric is 5 and Eric is 3. Meryl reports that Ari was named in memory of his grandfather, *Archie Smith* '29.

*Elizabeth Charles Suwan* and her husband, Agu, Saundertown, R.I., report the birth of their third child and first daughter, Cath-



erine, on June 7.

Margaret Emory Stackpole and her husband, Dr. Christopher Stackpole, a graduate of Williams College, live at 150 Colby Ave., Rye, N.Y. "Margaret has been a credit to the University," writes her classmate, Phyllis Kollmer Santry. "She graduated cum laude, became a children's book editor, and was 'producer' of Anson, the wonder child, on the 10th anniversary of her graduation from Brown."

**67** William C. Adams, Jr., has accepted a position with the New York Stock Exchange as director of business analysis. He and his wife, Molly (see '68), live in New Providence, N.J.

Ruth Anne Hutchinson Lyon and her husband, Christopher S. Lyon (RISD '69), of Belmont, Vt., have two children: Matthew, 8, and Sarah, 2. Ruth Anne is teaching art on the elementary and secondary level in the Ludlow and Mt. Holly school systems, where she is also a school director. In addition, she is fine arts instructor at the College of Saint Joseph the Provider in Rutland.

David L. Speltz, Waterbury, Vt., is executive director of Copley Hospital. His wife, Nike, a 1966 University of Pennsylvania graduate, is associate director of the Vermont Council of the Arts. The couple has a 3-year-old son, Tim.

D. Nathan Sumner ('72 Ph.D.) and his wife, Nan McCoigan Sumner (see '71), live at 4229 Guinea Rd., Annandale, Va. 22003. Their second child, Drew Vaughan, was born Nov. 11 and Sean is now 14. Nathan is a programming and development consultant for a number of state humanities committees.

E. Clinton Seiff, Jr., is a partner in PCM Associates, a Philadelphia management consulting firm.

Calvin A. Woodward (Ph.D.) reports that he has been elected University Fellow at the Institute of Social and Economic Research at Rhodes University, South Africa. Calvin is assistant professor of political science at the University of New Brunswick.

**68** Molly Erb Adams has moved with husband, Bill (see '67), and their children to New Providence, N.J. Their mailing address is 29 Old Oak Dr., Summit, N.J. 07901.

Bruce L. Cleland has been elected an assistant vice president of the Harris Bank, Chicago, where he is a member of the systems development division of the operations department. His M.B.A. is from the University of Chicago.

Alan L. Greiner is a partner in the law firm of Anditt, Anditt & Monse in Danvers, Mass. He and his wife, Donna, have two daughters — Jill, 2, and Beth, 1.

Robert F. McMahon is a senior analyst with Urban Systems Research and Engineering in Cambridge, Mass.

Frederic Richard Pamp and Lucia Batchelder were married in Omaha, Nebr., on June 17 and are living in Rockport, Mass., where Frederic is practicing law.

Peggy Prance is working in market research at Richardson-Morrell in Wilton, Conn. She lives in Cos Cob, Conn.

Paul F. Sullivan (Ph.D.) is a senior engineer with Polaroid Corp. in Cambridge, Mass., and is living in Westwood.

David H. Viall has received his M.B.A. degree from Xavier University. He lives in Mansfield, Ohio.

David and Mary F. Wiener ('69) report the birth of their first child, John David, on June 12. They live in Wakefield, R.I.

**69** William E. Armstrong has been promoted to lieutenant commander in the Navy, and is stationed at Newport, R.I.

Carol First Buer is director of volunteer services at Albert Einstein Medical Center-Daroff Division. She and her husband, Jay (see '66), have two children: Andrew, 8, and Alison, 5. They live at 640 Addison St., Philadelphia, Pa. 19147.

Donald S. Berns, music director of WHB-FM, Kansas City, has made some TV commercials, one for "Forever Yours" candy, plus regional commercials for many areas of the country. He and Tom Mombert '70 want to get a Jabberwocks reunion together; they request that any interested Jabs alumni contact them. Donald lives at 2012 NE 49th St. #702, Kansas City, Mo. 64118.

The Rev. Mark Brennan was ordained a priest by William Cardinal Baum of Washington, D.C., May 15, 1976, and is now serving in Our Lady of Mercy Church, Potomac, Md.

Dr. Jane Hough Ferguson and her husband, John, are living in Red Hook, N.Y. "I am currently practicing pediatrics in Kingston, while John is teaching biology at Bard College. We have a nine-month-old son, Hal-lam Hough, who has recently acquired two teeth."

Dr. Donald B. Fletcher, Jr. ('72 Sc. M.) and his wife, Joan Mitchell Fletcher (see '70), report the birth of their first child, Nicholas David, on March 10, 1978. After completing his residency in radiology at Rush Presbyterian-St. Luke's Hospital in Chicago last June, where he was chief resident, Don is now practicing radiology at Newport (R.I.) Hospital. The Fletchers are living in Portsmouth, R.I.

Herbert W. Foote III and his wife, Joan, celebrated the birth of their first child, Amy Lorraine, on Christmas Day, 1977. Herb has resigned from the Navy and is an airline pilot for Southern Airways. Their new address, 2648 N.W. 47th Ln., Fort Lauderdale, Fla. 33313.

Gregory "Spike" Gonzales is president of the Eastern Professional Tennis Assn. This past summer he won the Eastern Professional Tennis Tournament and was undefeated in six Eastern Tennis Association doubles championships. Spike is the tennis director of Tennis Corporation of America, overseeing indoor tennis clubs in Chicago, Boston, Rochester, and Evansville. He lives at 291 Rosedale St., Rochester, N.Y. 14620.

Richard A. Higginbotham is vice president of Industrial National Bank of Providence and works in its commercial banking group.

Dr. Allen H. Heller is in the final year of his residency training in neurology and is chief resident in neurology at the Peter Bent Brigham Hospital in Boston. His wife, Beth, is a nurse at St. Elizabeth's Hospital in Brighton, Mass. They live in West Roxbury.

Kathy Eisenhardt Kennedy is in the doctoral program at Stanford Business School. "Have two children," she says, "Eric, 3, and Alison, 1."

continued on page 48

## Cy Hoffman: Finding joy in the world of physics - and in New Mexico

The study of physics — which many claim is the key to our understanding of the world — opened invitingly to Cyrus Hoffman '62 in high school under the influence of "a fantastic physics teacher." The atom itself had been split only a few years before and what strange or "charmed" particles lurked therein no one yet knew. "I read all the books," Cy recalls, "and I wanted to do either astrophysics or particle physics. I didn't do astrophysics," he says, "because it would have meant staying up all night — so you see how far I've come."

Cy laughed because he had just finished two weeks on the graveyard shift — midnight to 8 a.m. — at the Clinton P. Anderson Meson Physics Facility in Los Alamos, New Mexico, where he is a member of the research staff. Most of the time Cy works during the day; but the linear accelerator at Los Alamos sends protons skimming down its half-mile length twenty-four hours a day, so when his experiments are running Cy stays up.

Particle physics is the study of how an atomic nucleus is composed — what its parts are and what holds them together. For a long time scientists thought an atom represented the smallest particle of matter. Then it was discovered that the atom itself could be broken into smaller constituents — neutrons, protons, electrons. Now it seems even these, when bombarded by other atomic particles, can be further split to reveal new sub-atomic particles. The properties of these particles and how they interact with each other may tell scientists something about the most basic interactions in nature.

Cy Hoffman majored in physics at Brown, earned a Ph.D. from Harvard, and then moved to Princeton where he did post-doctoral research and teaching. Particle physics involves experiments with accelerators — machines that accelerate nuclear particles to high velocities by means of electromagnetic fields arranged in either a linear or circular fashion. A proton, Cy explains, is pulled along by electromagnetic fields rather like a rabbit hopping after a carrot. Princeton had an accelerator, so Cy went to Princeton, but he knew he would spend much of his time at the Brookhaven National Laboratory in New York, the site of another accelerator. For two years Cy spent four days a week at Brookhaven and three days a week at Prince-



called mesons which are thought to be involved somehow in holding the atomic nucleus together. "It's sort of an anomaly that in order to study the very smallest particles you need enormous machines," he says. The accelerator at Los Alamos charges each proton with 800 million electron volts of energy, requiring more energy in a day than the entire community and laboratory at Los Alamos — and this is merely a medium-sized accelerator. The protons smash into a carbon target and, in the crack-up, mesons are made. These and other sub-atomic leavings are funneled off into different experiment areas for use in cancer research, nuclear chemistry, nuclear physics, etc. Cy, for instance, has worked on "rare-decay" experiments: "Most of the time a particle will decay one way, but sometimes it will decay another way, and that may contain important information."

"The joy of particle physics," Cy rhapsodizes, "is that you get to do everything. You can spend two months doing calculations and then you're a plumber, *literally* tooling with pipes, and then you're an electrician, soldering and so on." Cy figures he spends a quarter of his time running experiments, a quarter analyzing the results, another quarter building apparatus for the next experiment, 15 percent thinking about what he'd like to do next year, and 10 percent "trying to educate myself."

Many laymen, brought up on a high school science diet of molecules and little else, might well ask if these new particles are indeed real. Or are they merely an artifact of the process designed to find them? "It doesn't bother you that you can look through a microscope and see an amoeba, even though you can't see it with the unaided eye," Cy answers. "Well, this is just another step. The first indication we had that there were things around which couldn't be seen happened when someone put a radioactive sheet down on a photographic plate and when it was developed it was foggy. *Something* was going on there."

Of what use is such basic research? Cy is accustomed to the question. "I like to ask, How much is the periodic table worth? In one sense it isn't worth a penny because you can't eat it . . . but it wasn't for the periodic table you'd understand nothing about chemistry, so it's priceless. Essentially what we're working on is a periodic table, not of chemical elements but of atomic particles."

"A guy was playing around in a basement at Columbia and he developed the laser. So you never can say what the uses of basic research will be," Cy Hoffman adds. "You don't understand the world unless you understand this stuff, and people want to understand the world."

D S

Debra Shore



Cy Hoffman in New Mexico: "You'd have to work hard to pry me away."

ton — "which isn't so good if you like your family," he adds. Cy and his wife have four children, two "homemade," as he puts it, and two adopted. One day Cy returned home to find his children playing "house" in the basement. When they came to assigning roles, one child said, "And Daddy's away at Brookhaven." Not long after that, Cy Hoffman moved with his family to New Mexico.

For a boy who grew up in New York City and attended college and university on the East Coast, "you can't get much less familiar country than this," Cy says. But Cy has taken to the Jemez Mountains like a piñon

tree, and if he doesn't exactly sport a string tie and cowboy boots, he has claimed the place nonetheless. "You'd have to work hard to pry me away," he says. "I've been gone [from the East] for a year and a half and I've totally forgotten that phrase, 'If the traffic is not too bad.'"

Though the accelerator at Los Alamos — a town made famous as the home of the Manhattan Project — is a national facility and two-thirds of the research performed there is by "outside users" (teams from universities all over the country), Cy works with a small research group based there. Mostly the accelerator produces sub-nuclear particles

Winfield Major is serving as elections counsel to the U.S. Senate Committee on Rules and Administration. He lives at 213 6th St. NE, Washington D.C. 20002.

Catherine Gregg McDuffie and her husband report the birth of their first child, Malcolm McGregor, on Jan. 11, 1978. Catherine writes: "I am happy being out of 'the world of work' and taking care of Malcolm."

Stephen H. Messier is communications director for The American Woman's Economic Development Corp. (AWED) in Rockefeller Center, New York City.

George W. Muller is working for the National Science Foundation in Washington, D.C. He is the father of a son, Charles Thomas, born April 5, 1977.

Harry S. Pozyski and his wife, Caroline, recently concluded a successful effort as county coordinators in Bill Bradley's race for the U.S. Senate in New Jersey. During the campaign, Harry was elected municipal chairman of the Democratic Party in Metuchen, N.J. They live at 72 Hillside Ave., Metuchen 08840.

Thomas H. Roger has just accepted a new job as executive assistant to the managing director at Massachusetts Municipal Wholesale Electric Corp. in Ludlow, Mass. He and his wife, "Punky," and their children, Jim, 2, and Jean, 1, are in the process of relocating from San Diego to Longmeadow, Mass.

Robert Jay Rothstein continues to enjoy life in Brussels — "the capital of Europe." He also writes that the company he heads, Interactive Systems, Inc., recently opened a U.S. affiliate in Philadelphia called American Interactive. He reports plans for subsidiaries in other European countries in the coming years.

Nash Whitney Schott is assistant U.S. attorney for the eastern district of Virginia.

Andrew Tonks will finish his master's in public and private management this May at Yale School of Organization and Management, where his wife, Patricia Hart Tonks '75, is assistant director of placement and student services.

Mary F. Wiener and her husband, David '68, are parents of their first child, John David, June 12. They live in Wakefield, R.I.

**70** Kathy Finn Bloomgarden and her husband, Zachary, report the birth of their third child, Matthew Erik, on Sept. 15. Their other children are Rachel, 6, and Keith, 4. Zachary is doing an endocrinology fellowship at Vanderbilt University in Nashville, Tenn., and Kathy is working on her thesis for a Ph.D. in political science from Columbia University.

Christopher Bull and Kathryn Suter were married June 17 at the bride's cottage on Lake Ontario, near Rochester, N.Y. The couple is living in Ann Arbor, Mich., where Chris is a research biochemist and a postdoctoral associate at the University of Michigan.

Edward Caha received his J.D. degree from Notre Dame Law School in May and is a manager, management systems, in the administration department of Miles Laboratories in Elkhart, Ind.

Jonah R. Churgin (Ph.D.) is an assistant professor of political science at Sacred Heart University, Bridgeport, Conn.

Joan Mitchell Fletcher and her husband, Dr. Donald B. Fletcher, Jr. (see '69), report the

birth of their first child, Nicholas David, on March 10, 1978. The Fletchers are living in Portsmouth, R.I.

Dr. James Griffin ('72 M.M.S.) graduated from Harvard Medical School in 1974 and completed his training in internal medicine at Johns Hopkins Hospital. He's a research fellow at Sidney Farber Cancer Institute in Boston.

William E. Hunt is manager of employee relations for machinery apparatus operations of the General Electric Co. in Schenectady, N.Y.

Krista Manners Lantry is living at Indian Springs School, Birmingham, Ala., where her husband, Mike, teaches math. She works at one of Birmingham's largest printing companies. She writes, "I'm often at the skating rink (ice in Birmingham, Ala.) getting ready for the USFSA fourth figure test and pre-silver ice dance test. Am also doing wood-block printing and drawing in the evenings. After working for several years with the Birmingham Creative Dance Co., I've retired from performing, for the present at any rate. However, I will soon be teaching dance to some of the local figure skaters and hope to attempt some choreography as well."

Frederick J. Tansill and his wife, Joan, report the birth of their first child, Brendan Frederick, on July 18. Fred, a tax attorney, is a partner in the Washington, D.C., firm of Bird and Tansill.

**71** Charles Babcock and his wife, Janet Laughlin Babcock (see '74), live in Dallas, Texas, where they are both practicing law. Chip is with the firm of Jackson, Walker, Winstead, Cantwell & Miller. He is in the litigation department and concentrates on media law.

Rebecca (Becky) Barnes reports that since graduation she has lived in Providence, Boston, and Eugene, Oreg., and that she received her master's in architecture from the University of Oregon in 1976. Becky has worked in Providence at the Mayor's Office of Community Development as an architectural designer and planner. She is now living in Seattle, where she has decided to settle and pursue her architectural career.

Charlotte Downey, a researcher in the department of English at Brown, is selecting, editing, and writing introductions for a series of early grammars to be titled *American Linguistics 1700-1900*. Two of these works were written by Brown graduates, Oliver Angell 1807 and Samuel S. Green 1837.

Howard L. Feldman and his wife, Rhonda, report the birth of Lauren Gayle on Sept. 27. The family lives in West Warwick, R.I.

Dr. Carol Graham graduated from the University of Pittsburgh School of Medicine in 1975 and then completed an internship at Presbyterian-University Hospital and a year of residency in obstetrics and gynecology at Magee-Women's Hospital. She has recently completed a year of full-time work as an emergency-room physician. Carol and Dr. Frank Altman were married in April 1977 and have twin girls born Sept. 20, 1978, named Joan and Janet. Prior to their anticipated move to Gainesville, Fla., next July, she would like to hear from classmates at 396 Midway Rd., Pittsburgh, Pa. 15216.

Gary Granoff (Sc.M.), a member of the actuarial staff at the Hartford Insurance

Group for the past three years, has been named a Florida Department of Insurance actuary.

Wendell Hahn is an oceanographer doing ecosystem modeling on the Georges Bank for the National Marine Fisheries Service in Woods Hole, Mass.

Curtis H. Jacobsen graduated *magna cum laude* from Brooklyn Law School, where he was a senior editor for the *Brooklyn Law Review*. He is now an associate with the New York law firm of Rogers & Wells.

Satya King has completed four years of teaching in the Boston public schools and has obtained a C.A.G.S. degree from Boston University in educational media and technology. She is now in California doing doctoral work in curriculum and teacher education at Stanford University.

Leila Novak Lasser reports that she and her husband, Jim, live in Irvington, N.Y., with their two sons, Jonathan Thomas, 3, and Joshua Milton, 1. Jim is with Lombard Wall Management Corp. in New York City.

Penny J. Lukin is assistant professor of psychology at Georgia Southwestern College, Americus, Ga.

Ronald C. Markoff has a private law practice with offices located at 70 South Main St., Providence.

A. Mark Pope is practicing law in San Diego and "living a life of quiet desperation."

Dr. William James Robbins is a member of the medical-dental staff at Geneva General Hospital, Geneva, N.Y.

Armen Shahman is an attorney with the West Orange (N.J.) law firm of Kimmelman, Wolff & Samson.

Kit Eugen Stinson's first book, on growth disorders in childhood, will be published this spring. Her second book, on predictors of managerial success, will be published in the fall of 1979. Kit's address is One Fifth Avenue, New York, N.Y. 10003.

Dr. Eugene Su has finished an internal medicine residency at the University of Rochester Associated Hospitals and has begun a two-year fellowship in rheumatology at Roger Williams General Hospital, Providence. He is married to Christin Carter Su (see '72).

Nan McCowan Sumner (A.M.) and D. Nathan Sumner (see '67) report the birth of Drew Vaughan on Nov. 11. Their first son, Sean, is 14. Nan has resumed doctoral work in American Civilization at Brown. The family lives in Annandale, Va.

**72** Paul S. Alpert and Elaine Schmitt (see '73) were married several years ago and are living at 7 East 14th St., New York City 10003. Paul is an associate with the Madison Avenue law firm of Leon, Weill & Mahony.

Thomas Collura is a member of the technical staff at Bell Laboratories in Allentown, Pa.

Charles Stiffler Craig graduated in August from the University of Michigan Law School. "I decided not to practice law," he says. "Instead, I am currently with the corporate finance department of Blyth Eastman Dillon & Co., New York City."

Barbara Dickinson (M.A.T.) and Glenn W. Meyers were married July 7 in Stratford, Conn., and are living in Fairfield. She teaches

English at Stratford's Flood Junior High.

Robert Elfering, Jr., is an acoustical engineer for the United States Gypsum Acoustical Research Center, Round Lake, Ill. He and Coreen McFadden were married Nov. 18, 1976, while Robert was in Swaziland, Southern Africa, where he served in the Peace Corps.

Robert T. Forbes and his wife, Beth, report the birth of a son, Micah Jamin, on Aug. 18. Bob is working as an environmental engineer with the Hawaii State Department of Health. They live at 45-243B Kokokahi Pl., Kaneohe, Hawaii 96744.

John A. Gable (Ph.D.) has published a book entitled *The Bull Moose Years: Theodore Roosevelt and the Progressive Party* (Kennikat Press). John is the executive director of the Theodore Roosevelt Association in Oyster Bay, N.Y., and is also an adjunct associate professor of American history at the C. W. Post campus of Long Island University.

Richard A. Johnson was named the 1978 recipient of the Swedish government's Bicentennial Fund Prize in Economics, Law and Public Policy and spent two months in Stockholm working on international competition policy. Rick is an attorney with Arnold & Porter, Washington, D.C., which he joined after graduating from the Yale Law School and serving a clerkship with Judge Eugene Wright on the U.S. Court of Appeals.

Alexander Morris is director of social services for the Human and Correctional Services Institute in Chicago. He is also doing work for the Public Aid Department of Illinois as a clerk.

Eric Nadel is director of station relations and part-time play-by-play announcer for the Texas Rangers baseball network. In addition, the former "Voice" of WBRU broadcasts a daily sports commentary over radio station WBAP in Dallas-Fort Worth and does the play-by-play for the Fort Worth Texans Hockey Club of the Central Hockey League.

Craig B. Phinney is a salesman for Salomon/North America, which sells ski bindings. His territory includes New York state, excluding New York City, and western Massachusetts. He lives in Skaneateles, N.Y.

Peter S. Reichertz is an associate with the law firm of McMurray and Pendergast in Washington, D.C.

Christin Carter Su received her Ph.D. in biophysics at the University of Rochester and is now a postdoctoral fellow in the division of biology and medicine's physiological chemistry section at Brown. She is the recipient of a Juvenile Diabetes Foundation fellowship. She is married to Dr. Eugene Su (see '71).

Richard C. Waters received his Ph.D. in computer science from MIT in September and is a research associate at MIT this year.

**73** Philip B. Barr, Jr., a graduate of Vanderbilt University School of Law and the graduate tax program of the University of Florida Law School, is an attorney for the United States Tax Court in Washington, D.C. He was married Sept. 9 to Barbara L. Murray in North Attleboro. They are living in Arlington, Va.

Linda Baumann and her husband, Robert Faron, are living at 4709 Morgan Dr., Chevy Chase, Md. 20015. Linda is working in the Office of the Legal Adviser at the State Department.

Mary M. Bennett has been working since April for a small contractor in Newton, Mass., as a carpenter's helper, learning the technicalities of the construction business "from the ground up — ditch digging to roof repair."

James J. Burke has been awarded first-year honors at Harvard Business School. He is now in his final year of Harvard's M.B.A. program.

Steven M. Carter is a marketing representative for Data Resources in Lexington, Mass.

Thomas E. Cecil (Ph.D.) is an assistant professor of mathematics at Holy Cross College, Worcester, Mass.

Robert Doggett is an English teacher at Lakeside School, Seattle, Wash.

Peter J. Dufee and his wife, Sheila, have purchased a house in Sharon, Mass., at 619 South Main St. 02067.

Merilee Serrill Grundle (A.M.) and Steven H. Grundle (see '64) report the birth of their first child, Alexandra Hale, on Aug. 24. They have moved to 38 Chestnut St., Wellesley, Mass. 02181.

William D. Grossman has been appointed counsel to Commissioner David G. Gartner of the Commodity Futures Trading Commission, Washington, D.C.

Barbara G. Guth received her master's in economics in May from George Washington University. She continues to work on East-West trade at the U.S. International Trade Commission, Washington, D.C., as she has for the last four years.

Scott Blake Harris and Barbara Straughn Harris were married Aug. 5. The groomsmen included Curtis Blessing, Steve Rattner '74, and Barbara's brother, G. Sellers Harris '81. Scott's sister, Nancy Harris '77, was a bridesmaid. Scott continues to be associated with the law firm of Williams & Connolly in Washington, D.C.

Dr. Arthur L. Horwich, a pediatrician, is a postdoctoral fellow at Salk Institute in San Diego.

Dr. Robert C. Hunter received his M.D. degree from Case Western Reserve University in 1977 and is a junior assistant medical resident in the department of internal medicine at Cleveland Metropolitan General Hospital.

Steven G. Judd is a software specialist with the Digital Equipment Corp. in Meriden, Conn. His wife is Nora Beck Judd (see '75).

Linda Pregler Kennedy received an M.S. in computer science from George Washington University and is a programmer/analyst for Computer Sciences Corp. at the Goddard Space Flight Center, Beltsville, Md.

AnnMarie Harkins Plunkett is living in Charlottesville, Va., with her husband, Mike, and sons Steve and David. She teaches social studies and English at nearby Madison County High School.

Mark G. Rozar is the vice president of the Gilmore-Kramer Co., Providence, manufacturer and distributor of material handling equipment. He and his wife, Judith, live in Providence.

John W. Rudnicki ('74 A.M., '77 Ph.D.) has been appointed an assistant professor of theoretical and applied mechanics at the University of Illinois at Champaign-Urbana.

Flame Schmitt and Paul S. Alpert (see '72)

were married several years ago and are living in New York City. Lanie, who retains her maiden name, is working in the city.

Mary B. "Polly" Wall, a 1978 graduate of Harvard Business School, is a grain merchandiser at Continental Grain Co., Savannah, Ga.

Mary C. Wilbur is teaching music in the grades from kindergarten through the sixth in the Torrington (Conn.) public school system.

**74** Howard L. Apothaker writes that there is an attempt to form a Brown Club in Israel for alumni living in or visiting the country. If you are interested, contact the Office of Alumni Relations, Box 1859, Brown University, Providence 02912.

Janet Laughlin Babcock and Chip Babcock (see '71) live in Dallas, Texas, where they are both practicing law. Janet is an associate with Allen, Knuths, Cassel & Short, specializing in estate planning and probate.

Barbara Ann Baron has earned her C.A.G.S. in school psychology at Boston College and is school psychologist, kindergarten-ninth grade, in the Pawtucket (R.I.) School System.

Jaime T. Black writes: "Despite our bad press and 'outstanding' public officials, I am really enjoying Cleveland! I have joined the Cleveland Orchestra Chorus, which recently performed at Carnegie Hall. I've also moved to an elegant old apartment in Shaker Square and am enjoying my job coordinating a major renovation and construction program at St. John Hospital."

Gary J. Came, an actuary, is with the San Francisco firm of Towers, Perrin, Forster & Crosby.

Dan M. Campbell has two roles in his new position as a part-time psychologist in the Cleveland County (N.C.) Mental Health Center and as a part-time school psychologist in a local school district. "Public speaking is taking up much of my free time," says the resident of Shelby, N.C.

Dr. Frank D. Caporusso is an intern at Thomas Jefferson University Hospital, Philadelphia.

Philip C. Caron is a graduate student in pathology at Columbia.

Rethel Childress and Eddie L. Chappelle were married in July 1977 and are living in Downingtown, Pa. She is head teacher at Dr. Bertrum Rittenberg's Center for Autistic Children.

Pamela Constable is now living in Annapolis, Md., where she is a feature writer covering Anne Arundel County for the *Baltimore Sun*.

Carey Corbaley is in his third year at Harvard Law School, with plans to enter private practice in San Francisco in June.

Mary F. Counihan graduated from Villanova University School of Law and is serving as law clerk to Judge Joseph R. Weisberger '42, associate justice of the Rhode Island Supreme Court.

Dr. Akim F. Czmus is a resident in ophthalmology in the Downstate Medical Center, State University of New York, Brooklyn.

Samuel J. Dockenich, North Haven, Conn., has been promoted to general manager at New England Cycle Sales, a large motorcycle, moped, and scooter dealership

Bill Drunkwater and Mary Elizabeth Winter were married July 1. Scott Cooper was best man. Bill is an actuarial analyst with Home Life Insurance Co., New York City.

Bradley B. Falk graduated from Northwestern University Law School and is a trial attorney with the Chicago law firm of Phelan and Pope. He and Janet Koran, an attorney also practicing in Chicago, are married and living at 526 Sheridan Rd., Evanston, Ill. 60202.

Anne Hoff Ford is a pediatric nurse practitioner at Kaiser Medical Center, Richmond, Calif.

Dr. Larry Golbe received his M.D. from New York University School of Medicine last year and is an intern in internal medicine at Hahnemann Hospital in Philadelphia. He and his wife, Devra Lifshitz Golbe (see '75), live at 1520 Spruce St., Apt 608, Philadelphia, Pa. 19102.

Gene L. Gussis received his Ph.D. in chemical engineering from Stanford and will be spending this year as a NATO postdoctoral fellow in the department of applied mathematics and theoretical physics at the University of Cambridge, England.

Art Italo is with Good Humor Corp., a subsidiary of Thomas J. Lipton, Inc., as New York and Long Island sales manager in charge of supermarket sales. He's pursuing an M.B.A. at Pace University in the evenings. Art lives at 155 Willow St., Floral Park, N.Y. 11001.

Michael F. Kennedy, who received an M.S. in computer science from George Washington University, is a senior member of the technical staff in the electronic warfare group of the Amecom Division of Litton Systems, College Park, Md.

Gary D. Lawrence is working for the Morgan Guaranty Trust Co. as an assistant treasurer in the international division. He spent six months in the Singapore branch (January to June 1978) and is now in New York working in the southeast Asian operations.

Ellen Jay Lewis and William Henry Kraus of Cincinnati were married last June. She and her husband are both fourth-year rabbinic students at Hebrew Union College in Cincinnati and will be ordained in 1980.

Pamela T. Lockwood is working in New York City for The Eggers Group, an architectural firm. "Am doing marketing, product research, and library reorganization," she writes, adding that "the work is great!"

Everett R. Leiter is a speech and language pathologist at North Shore University Hospital in Manhasset, N.Y. "I am continuing in the Ph.D. program in speech and hearing at the Graduate School of City University of New York," he writes.

Jeffrey Lester is associated with the Jersey City (N.J.) law firm of Milton, Keane & Brady.

Priscilla Mullen McEnroe, Evanston, Ill., is an attorney with the Chicago firm of Sonnenschein, Carlin, Nath and Rosenthal. Her husband, John, is also an attorney.

Peter H. D. McKee graduated from the University of California at Davis Law School and is with the Port Angeles, Wash., office of Evergreen Legal Services, a state-wide legal services group in Washington. His address: 2917 1/2 South Peabody, Port Angeles 98362.

Ronald Madem (M.A.T.) married Wendy

Parker, a student at Harvard Medical School, on July 2. Ron is an English teacher at Needham (Mass.) High School.

Richard Pass, Riverside, R.I., was graduated from Villanova Law School last May and is engaged in general practice in the Providence area.

Stephen Perkins has received his M.S. in atmospheric sciences from Yale and is an air quality specialist with the consulting firm, Deleuw Cather & Co., New Haven. He's working on the Amtrak Northeast Corridor Improvement Project to improve passenger rail service between Boston and Washington.

Dr. Peter V. Pickens and Estee Robinski (see '76) were married in Oceanside, L.I. Attendees at the wedding were Kathy Mannes '76 and Madeleine Fleischer '76. Pete's brother, Joseph Pickens ('77 Ph.D.), was an usher. Pete graduated in June with an M.D. from the Mount Sinai School of Medicine and has started his residency program in internal medicine at Northwestern Memorial Hospital in Chicago.

Richard J. Roll left Citibank in July to join Today's Communications, Inc. as vice president and publisher of three consumer magazines in New York City: *Women's Digest*, *Food Digest*, and *Sound Trax*.

Eric S. Rosencrans reports that he and his wife, Aileen, are parents of their second child, Matthew Scott, born July 18. "I am working with IBM in Austin, Texas, as a senior associate engineer," he writes.

Ellen Saxe and Dr. Jerry Salzman were married in June 1977. Ellen received master's degrees in social work and in Jewish communal service from the University of Southern California and Hebrew Union College, respectively, in June. She is working for the Jewish Communal Council of Greater Los Angeles as assistant director of the Southern Area Council. The couple lives at 9804 Regent St. #5, Los Angeles, Calif. 90034.

Scott Sherman is in his third year at the Harvard Law School.

Emily Lanning Talaterro is working for the Greater Baltimore Committee on urban affairs. "Bought and renovated an 1892 inner-city home and moved in last fall," she writes.

Mary H. Thomsen ran in her first marathon last fall in Sacramento, Calif. "I am finishing a thesis on Ovid at Berkeley, and I expect to receive my Ph.D. in classics this June," she writes.

Cynthia Young is completing work on her Ph.D. in psychology at the University of Illinois. "Then off to parts unknown for a one-year internship."

Peter Allen Wald finished working as a law clerk to Chief Judge James R. Browning (U.S. Court of Appeals for the Ninth Circuit) last August, took a "ten-week traveling hiatus," and is now with the San Francisco law firm of Heller, Ehrman, White & McAuliffe.

Thomas H. Welch has been named an associate of the Society of Actuaries. He and his wife, Joan, live at 14047 90th Place NE, Bothell, Wash. 98011.

Alan Woosniker is associated with the Newark law firm of Lowenstein, Sandler, Brochin, Kohl & Fisher.

**75** Billy Almon has completed his second full season in the National League with the San Diego Padres baseball club. He may be reached at 9 Aurora Rd., East Greenwich, R.I. 02818.

Paul H. Barty is a member of the personnel department of the New York City Urban Corp.

Dante H. Balestracci married Judith Lemieux on Nov. 3. Peter Chelovich was best man. David Duhaime '73, Bradford Buxton, and Barry Behn '76 were ushers. The couple lives at 13 Wilson St. in South Dartmouth, Mass. 02748. Dante is general manager of the West End Laundry & Cleaners, Inc.

Jerry Broman is attending Tufts University Dental School.

Sharon Hass Chernick, a graduate of Hofstra University Law School, is with the Manhattan firm of Singer, Hutner, Levine and Seeman.

Joseph Deltito is in his final year in the Brown medical program, after which he will be entering a residency program in psychiatry at Massachusetts General Hospital in Boston.

Dr. Harold R. Geyer ('78 M.D.) writes: "I'm alive and well, if not a little overtired — working as an intern in internal medicine at Temple University Hospital in Philadelphia." His address: Apt. 311A, Elkins Park House, Elkins Park, Pa., 19117.

Devra Lifshitz Golbe is working on her thesis for a Ph.D. in economics at the New York University Graduate School of Business Administration. She and her husband, Larry (see '74), live at 1520 Spruce St., Apt. 608, Philadelphia, Pa. 19102.

Andrew D. Green is attending Harvard Business School.

Ellen Lee Gurney is in her final year at New York University School of Medicine and will be pursuing a career in pediatrics upon graduation.

Alex Hutchinson is in his second year of the two-year Sloan Program in Hospital and Health Services Administration at the Graduate School of Business and Public Administration at Cornell. He will be receiving his M.B.A. in May.

Nora Beck Judd is a systems analyst with the Connecticut General Life Insurance Co., Bloomfield, Conn. Her husband is Steven G. Judd (see '73).

Margaret M. Kelly ('77 Sc.M.) is a chemist with the Environmental Protection Agency's Mobile Source Enforcement Division in Washington, D.C.

Ward J. Mazzucco has opened a law practice in Danbury, Conn., after graduating cum laude from Cornell Law School. His address: 37 Wooster St., P.O. Box 89, Danbury 06810.

Gail E. McCann graduated in May from the University of Pennsylvania Law School and has returned to Providence, where she is associated with the law firm of Edwards and Angell.

Ann Merritt married Richard Fox in August. The best man was Alan Fox '69, brother of the groom. Among the ushers were Scott Merritt '79, brother of the bride, and Marshall Gould '70, brother-in-law of the groom. Among the guests were Sylvia Turner '74, Doug Buyer '74, and David Golub. Ann and Dick are living at 7 Scott Ln., Northborough, Mass. 01532. Ann is in her final year at the University of Massachusetts Medical School.

She retains her maiden name.

*Richard D. Morford* and *Christy Ann Schmidt* were married in Aug. 5 in Allenhurst, N.J. *Robert Rubeor* was an usher. Dick is teaching chemistry at Bernards High School and Christy teaches third grade in Bernardsville Elementary School. They live at 38 Maple St., Bernardsville, N.J. 07924.

*Helayne Oberman* received her master's in philosophy from the University of Michigan in June and entered Harvard Law School in September.

*Marian Owens*, Bedford, Mass., is working as a software engineer at SofTech, Inc., Waltham, Mass.

*George Powers* and *Yumi Nagata* were married Aug. 27 in San Francisco. *Bob Condon* '74 was an usher. Others in attendance included *Steve Onisko* '74, *Steve Zieff* '74, *Bruce Osterweil*, *Geoff Garth*, and *Tom Heuer* '76. George and Yumi are living in San Francisco, where George is senior bond representative with the Aetna Casualty & Surety Co.

*David B. Sholem* has passed the Illinois Bar Examination and is employed as an associate with the law firm of Meyer, Capel, Hirschfeld, Muncy, Jahn and Aldeen in Champaign-Urbana.

*Pamela Hughes Spence* reports that in 1977 she studied at the University of Salamanca in Spain as part of a University of Virginia graduate program. Later, she taught Spanish and fencing at a private school in Los Angeles. Last June she came East and married Keith Spence (brother of Sally Spence '76). She and Keith are now teaching at the Portledge School, Locust Valley, N.Y., and living at 84 Sea Cliff Ave., Glen Cove, N.Y. 11542.

*Patricia Hart Tonks* is assistant director of placement and student services at the Yale School of Organization and Management, where her husband, *Andrew Tonks* ('69), will finish up his master's in public and private management this May.

**76** *Todd Abraham* is a student at the University of Pennsylvania, where he is working toward his Ph.D. in chemistry and his M.B.A. in management.

*John F. Ahern* teaches mathematics at Cushing Academy, Gardner, Mass.

*Gary E. Alger* is campus ministry coordinator at Greenfield Community College, Greenfield, Mass., where he is developing a new program. He will return to Andover Newton Theological School, Newton Centre, Mass., in June 1980 to prepare for ordination as a minister in the United Church of Christ.

*Tracy Baer* is a writer on the staff of NBC's daytime game show "Jeopardy." He is living at 13107 Mindanao Way, Marina Del Rey, Calif. 90219. He writes, "Encourage friends to watch the show and keep those ratings healthy."

*Jeff Brown* writes: "Since graduation from Brown, I have been a high school yearbook photographer, a stuffer in a styrofoam cup factory, a community organizer (outside agitator) in the slums of Seattle, and a forest-fire fighter in the Great North Woods. I start a new job this year as a financial analyst with the international investment division of Seattle First National Bank. Am really looking forward to a job in which I can utilize my Brown degree in economics."

*Cheryl J. Duarte* is half-owner and

operator of Myberg Janitorial Services, Providence. She writes that the business is going well and "I'm paying my creditors." Her address is 328 Plain St., Providence 02905.

*Lesley C. Goldman* is a student at the Wharton School of the University of Pennsylvania.

*David Haettenschwiler* is a management trainee in international banking with American Express International, New York City.

*Wilfrid R. Koponen* is project director for Gahagan Research Associates in New York City, where he resides.

*Paul H. Maysck* is a sales representative for Market Central Air Conditioning in Englewood Cliffs, N.J.

*Elise A. Meyer* is owner and operator of a new art gallery in the SoHo district of New York, specializing in the work of contemporary Europeans. The gallery is located at 410 West Broadway.

*Bruce Petrie* and *Mimi Bennett* were married Sept. 9 in Corning, N.Y. *Jon Gottlieb* served as best man. Bruce is completing his third year at Northwestern University School of Law, where he is articles editor of the *Law Review*. After graduation, he will serve a one-year clerkship with Federal Judge John Grady of the U.S. District Court for the Northern District of Illinois. Bruce's wife is a third-year student at Northwestern Dental School. Their address: 456 West St. James, Chicago 60614.

*Samuel Press* is a third-year student at the University of Michigan Law School, where he was a finalist in the Campbell Moot Court Competition.

*Estee Robniski* and Dr. *Peter V. Pickens* (see '74) were married in Oceanside, N.Y. Attendees included *Kathy Mannes* and *Madelene Fleischer*. Pete's brother, *Joseph Pickens* ('77 Ph.D.), was an usher. Estee graduated in June from the Wharton School of the University of Pennsylvania with an M.B.A. in finance and an M.S. in operations research. She is working as a business planner for FMC Corp. in Chicago.

*Cynthia Ruotolo* reports from New York City that she is a buyer of men's and women's fragrances for Abraham & Straus. *Jane Robinson* is a fellow buyer in the crystal department.

*Gina Schaeffer Russ* is a second-year student at the University of Miami School of Law and is a member of the *Law Review* staff.

*Art Schoeller* is an applications consultant for Tymshare, Inc., Darien, Conn.

*Wendy B. Shaw* and *Steven Scott Jacoby* were married July 9 in Boston. Wendy is a second-year student at Tufts Medical School and Steve is in his final year at Harvard Medical School.

*Margaret Supplee Smith* (Ph.D.) chaired the committee on community education programs at the National Trust for Historic Preservation meeting recently in Chicago. She is the director of the American and New England Studies Program's Preservation Program and was appointed to the executive committee of the recently formed National Council for Preservation Education. Margaret is an assistant professor of art history at Boston University.

*James Tull* has been teaching ethics and religion at Moses Brown School in Providence since graduation.

*Evelyn Williams* is working at E. I. du

Pont de Nemours & Co., Wilmington, Del., as an engineer in the chemicals, dyes, and pigments department.

**77** *Pamela L. Bower* is teaching art at Arlington (Mass.) Junior High East.

*Richard A. Hofmann* and his wife, Sue, have moved to Chicago, where he is an actuarial analyst with Allstate Insurance Co.

*Nancy L. Lewis* is a software engineer for the Raytheon Co., Portsmouth, R.I.

*Linda Magnussen* and *Amy Cahners* (see '79) are sharing an apartment in New York City. Linda has started a job in the operations division of Morgan Guaranty Trust Co.

*Christopher Renard Paul* and *Margaret G. Rose* were married May 20 in Manning Chapel and are living at 15 Central Ave., Bayport, N.Y. 11705.

*Meryl Pearlstein* is a second-year graduate student in marketing at the Wharton School of the University of Pennsylvania. Her new address: Box 1043, 3600 Chestnut St., Philadelphia 19104.

*Cynthia Raposo* (A.M.) and *Bradford C. Ashley* were married recently and are living in Columbia, Md. She is with the National Security Agency, Washington, D.C.

*Melanie C. Stevens* is a fashion copywriter for *Mademoiselle* magazine in New York City. She had spent a year as an assistant editor in the children's book department of Holt, Rinehart & Winston.

**78** *James J. Aguilar* is employed at Corner & Lada Co., Cranston, R.I.

*Julia A. Andrew*, a laboratory technician, is working with immunologist Dr. Anthony Strelkauskas at the Sidney Farber Cancer Research Institute in Brookline, Mass.

*David C. Bennett* is a technical writer/contract administrator with Leon D. DeMatteis & Sons, Elmont, N.Y. "For eighteen months I am going to be working in Saudi Arabia," he writes. His address: c/o DeMatteis-SamWhan Joint Venture, P.O. Box 5743, Riyadh, Saudi Arabia.

*Susan Biener* is attending Boston University Medical School.

*Richard F. Binswanger* has joined the mathematics department of Germantown Academy, Philadelphia, Pa.

*Mel Blackett* is attending Washington University (St. Louis) Medical School.

*Tim Bothwell*, Brown's three-time All-Ivy hockey defenseman, is the leading defenseman for the New Haven Nighthawks of the American Hockey League, an affiliate of the New York Rangers.

*Desiree Branch Caldwell*, a museum intern, is working in the department of collections at Colonial Williamsburg.

*Marlene Fantucchio* is a programmer at NCR Corp., San Diego, Calif.

*Heather D. Graham* is an underwriter with John Hancock Mutual Life Insurance Co., Boston.

*Celia Jane Hartmann* is an editorial assistant at *Cutis* magazine, New York City.

*Allen J. Hubbard* is enrolled in a master's program in environmental engineering at the University of Illinois, Champaign-Urbana. His thesis will concern a potential flow solution to a flat plate jet impactor fluid mechanics problem.

*William Lichtenstem*, a student at the Co-



lumbia School of Journalism, is working at ABC Sports as a writer and researcher for "Wide World of Sports."

Rita A. Manfredi is living in Providence and is enrolled in the Brown Medical Program.

Marc Machler is a student at Harvard Law School and is sharing an apartment with Jerry Orloff at 279 Harvard St., Cambridge. Jerry is a grad student in mathematics at MIT.

Steven J. Miller is attending law school at Vanderbilt University, Nashville, Tenn.

Michael North (Sc.M.) is senior chemist at the air pollution laboratory of the Providence Health Department.

Alison J. O'Connell is a promotion assistant and copywriter at *House & Garden* magazine in New York City.

John W. Palmer (Ph.D.) has joined Daniel H. Wagner Associates of Paoli, Pa., as a consultant in operations, research, and mathematics. The 1974 University of Missouri graduate and his wife, Lee, live in Downingtown, Pa.

Cynthia Robinson is a master's candidate in urban and regional planning at the Harvard Graduate School of Design.

Kevin Rooney, an All-Ivy tackle for Brown in 1977, played his football north of the border this past fall. A graduate student in education at McGill University in Montreal, the defensive end was named to the All-Canadian team. His coach, Charlie Baillie, was quoted as saying that Rooney was "the best defensive lineman McGill has had in several years."

Gerald C. Rosati works in the equipment development laboratory for Raytheon Corp., Sudbury, Mass.

David Rudofsky is enrolled in the Wharton School at the University of Pennsylvania.

Jessica Solodar is an assistant editor in the college division of D. C. Heath, Publishers, Lexington, Mass., and is living in Brighton.

Simone Tseng spent the summer as the registrar of the medical clinic aboard New York's Floating Hospital.

Earl Douglas Varney is in the management training program of the Manufacturers Hanover Trust Co., New York City. He writes: "In my aspirations to become a leading officer of the bank, I follow recent grads Doug Traver '78 and Chris Noble '76 to the program."

Clifford G. Walters is working for the Veterans Administration outpatient clinic in Government Center, Boston, as a research technician. The job involves assaying types of collagen produced by cultured tumor cells and comparing these to normal collagen types, with the goal of a possible diagnostic tool to identify malignant cell types.

**79** Philip Bibbons is an assistant to the West Coast director for public relations of *Playboy* magazine. His address: 8560 Sunset Blvd., Los Angeles 90069.

Amy Cahners and Linda Magnussen (see '77) are sharing an apartment in New York City. Amy has been working as an assistant buyer at Abraham & Straus and recently received a promotion to department manager of junior coats and dresses in the Hempstead, L.I., store.

Steven Olivena is serving as president of the senior class. Other officers include Judith Allen, vice president, Debra Cohn, secretary;

Betsy Behringer, treasurer; and Ariane Loch, reunion chairman.

## Deaths

Hope Davis Mecklin Gordon '06, Fairfield, Conn., former national president of Kappa Alpha Theta sorority and class president in her freshman and senior years; Nov. 5. While married to John M. Mecklin, professor of philosophy at Dartmouth, she helped form the Hanover PTA, was a charter member of the League of Women Voters, and was Girl Scout Commissioner. In 1949, she won the New Hampshire duplicate bridge championship. Two years after Professor Mecklin's death in 1956, she married Theodore W. Gordon '05, the widowed husband of Mabel Ashworth Gordon '06. Mr. Gordon died in 1971. Survivors include a daughter, Mary Jenkins, 156 Roseville Rd., Westport, Conn. 06880.

Ira Nathan Goff '08, Alfred, Maine, retired mining and metallurgical engineer and former professor at Purdue University; Oct. 20. Mr. Goff received his master's in engineering at Columbia in 1925, an M.S. from the Missouri School of Mines and Metallurgical Engineering in 1926, and a Ph.D. from the University of Wisconsin School of Engineering in 1928. He taught for a decade at Purdue and later at the Illinois Institute of Technology and also served for many years as a private consultant. Survivors include his wife, Fern, Waterboro Rd., Alfred, Maine 04002.

James Lee Murray '08, Warwick, R.I., a former city clerk and city engineer in Warwick and class agent for 1908, Nov. 12. Mr. Murray was a field engineer for the Rhode Island Board of Public Roads from 1925 to 1932, Warwick highway commissioner from 1925 to 1935, and city clerk and city engineer in the late 1950s. He was involved with the Boy Scouts for more than fifty years and, in 1949, was awarded the Bucklin Medal for service to scouting. Mr. Murray was a past president of the Warwick Historical Society and a former chairman of the Warwick chapter of the American Red Cross. Survivors include a son, J. Lee, Box 113, Warner, N.H. 03278; and three daughters, Priscilla, Ruth, and Grace.

Joseph Eli Bliss '10, Encino, Calif., a long-time director of W. T. Grant Co. in Pittsburgh and other locations prior to his retirement in 1946; Oct. 24. Survivors include his wife, Madeline, 5144 Woodley Ave., Encino 91316.

Raymond Edward Fenner '10, '18 A.M., Springfield, Mass., a mathematics and English teacher at Springfield's Classical High from 1915 until his retirement in 1952, Oct. 23. Mr. Fenner was a founder of the Springfield Education Association and was a past president of the community's Art League and Schoolmaster's Club. Survivors include his wife, Amy, 116 Byers St., Springfield 01105; and a son, Raymond.

Ellis Laurie Yatman '11, Providence, long-time Providence attorney and Providence probate judge from 1928 to 1935; Oct. 28. The 1915 Harvard Law School graduate was a past president of the Rhode Island Bar Association and a former editor of the *Rhode Island Bar Journal*. He also served as president of the International Institute of Providence. Delta Upsilon. Survivors include his son, Thomas L. Yatman '43, 42 Cushing St., Providence 02906.

Helen Barrett Harvey '13, Middletown, Ohio, a Latin teacher in the East Providence, R.I., school system for thirty-five years until her retirement in 1958; Oct. 23. Sigma Kappa. Survivors include a son, the Rev. Joseph C. Harvey '40, 4313 Nelson Rd., Middletown 45042.

Frances Richardson Carrington '15, Waterbury, Conn., former president of the Connecticut Valley Pembroke Club; Nov. 8. Mrs. Carrington had been employed by Travelers Insurance Co. for many years before becoming a social worker in Hartford. She was a former president of the Waterbury chapter of the American Association of University Women and was a founder and first president of the PTA of the Bunker Hill School in Waterbury. There are no immediate survivors.

Leslie Bennett Corey '17, Boothbay, Maine, a manual training teacher in the Providence public schools for thirty-five years prior to his retirement in 1951; Oct. 22. Survivors include his daughter, Doris Corey Vander, of Pension Ridge, Maine.

Albert Edgar Lowmes '20, Providence, retired chairman of the board of the American Silk Spinning Co. of Providence and one of the nation's foremost book collectors; Nov. 17. Mr. Lowmes combined his interests as a devoted naturalist and outdoorsman with book collecting, and on the 50th anniversary of his graduation he donated to the University his set of Audubon's *The Birds of America*, one of the most precious books in the world. He was president of the Rhode Island Historical Society, South County Museum, Providence Art Club, and Narragansett Council, Boy Scouts of America. Mr. Lowmes served for a dozen years on the editorial board of *Boy Scout Handbook* and donated to the Rhode Island Boy Scouts his 250-acre estate, Aquapaug, in South Kingstown. He was the recipient of both the Silver Beaver and Silver Antelope Awards for his contributions to scouting. He was a member of the John Carter Brown Library Associates and was a founder and former chairman of the Friends of the Library at Brown. He received an honorary master of arts degree from Brown in 1940 and an honorary doctor of laws degree in 1970. He was considered such an authority on the literature of the history of science that he was invited by Brown to be a lecturer on the subject in a special seminar designed primarily for graduate students. Alpha Tau Omega. Survivors include daughters Ann, Sylvia, and Carol, and a son, Richard W. Lowmes, of Wakefield, R.I.

Townes Malcolm Harris '23 A.M., Providence, a founding partner in the Providence

accounting firm of Harris & Gifford in 1932 and a former treasurer of the class; Nov. 2. Mr. Harris was graduated from the University of Texas in 1920, received his M.A. in economics there in 1921, and came to Brown on a Marston Fellowship in 1922. He was one of the founders, along with the late *Bill McCormick*, of the Brown Rowing Association, and a new rowing shell was named in his honor two years ago. Mr. Harris was a past president of the Rhode Island Society of CPA's and treasurer of the Providence Athenaeum, St. Stephen's Church, the Rhode Island Historical Society, and the ΔKE Association of Rhode Island. During World War II, he was an Army lieutenant colonel in military intelligence and served at the Pentagon, in North Africa, and in the Southwest Pacific. He was awarded the Bronze Star in 1945. Mr. Harris was especially active in the affairs of his class, Delta Kappa Epsilon. Survivors include his wife, Grace, 72 Prospect St., Providence 02906; and two sons, Townes M. Harris, Jr., of Rumford, and *Wendell G. Harris* '49, Fort Worth, Texas.

*Katharine Mayor Reichenbach* '25, Warwick, R.I., a science teacher for many years at the Walden School, New York City, prior to her retirement; Oct. 3. Survivors include her brother-in-law, George E. Hodge, 217 Promenade Ave., Providence 02908.

*John Henning Cogan* '26, East Greenbush, N.Y., an Albany attorney and a city alderman from 1938 to 1944; Oct. 31. Mr. Cogan, a 1929 graduate of Union University Law School, was in practice in Albany for many years with his father, and more recently with his son, John, in the law firm of Cogan & Cogan. Alpha Tau Omega. Survivors include his wife, Edith, Pinewood Ave., East Greenbush 12061; and sons John and Thomas.

*Thomas Anthony Magee* '27, Tucson, Ariz., president and later chairman of the board of Gray Envelope Manufacturing Co., Brooklyn, and a former president of his class; Oct. 24. Mr. Magee had served as a trustee of the Brown University Fund and was a strong supporter of the Brown Football Association. Sigma Chi. Survivors include his wife, Evelyn, Sky Mountain Range, Tucson 86336; and a daughter, Sharon.

Capt. *Alfred Sargent Cleaves* '28, '35 A.M., Providence, a twenty-three-year Navy veteran who retired in 1965 as deputy chief of staff for reserve affairs for the First Naval District and then was a history teacher at Classical High School from 1965 to 1975; Oct. 31. From 1948 until 1952, Captain Cleaves was an NROTC instructor and faculty advisor at Brown. Delta Upsilon. Survivors include his wife, Loretta, 129 Williams St., Providence 02906; a daughter, Sue Ann; a son, Alfred; and three brothers, including *Arthur W. Cleaves* '27, St. Louis, Mo.

*Harry Clinton Owen, Jr.* '28, Attleboro, Mass., retired chairman of the board of First Bristol County (Mass.) National Bank, former Rhode Island state director of administration, and a past president of his class; Nov. 6 while leaving the Brown-Harvard football game. After service as a commander in the Navy during World War II, Mr. Owen became

administrative assistant to Mayor Dennis J. Roberts of Providence in 1947, and when Roberts became governor in 1950, Mr. Owen became his executive secretary. He served as state director of administration in 1955, became vice president of Plantations Bank in 1957, and president of the First National Bank of Attleboro in 1964. Mr. Owen was president of the United Fund in both Providence and Attleboro, was vice chairman of the Rhode Island Heart Fund, and was a trustee of both Roger Williams College and Johnson & Wales. He was president of the Navy League of Rhode Island, commanding officer of the U.S. Naval Reserve Battalion in Providence, and was chairman of the state's Public Building Authority. Mr. Owen was a former director of the Associated Alumni and was a leading supporter of the Brown Football Association. Theta Delta Chi. Survivors include his wife, Martha, 9 Woodland Ln., Attleboro 02703; daughters Martha-Ann and Deborah; a son, Harry; and a brother, *Ray B. Owen* '30, Bristol, R.I.

*Frederick Stephen Ackroyd* '29, Providence, retail marketing supervisor in the Rhode Island area for Mobil Oil prior to his retirement in 1967; Nov. 13. Mr. Ackroyd was a graduate of the University of Rhode Island, where he was president of his class. Survivors include his wife, Margaret, 267 Rochambeau Ave., Providence 02906; and two sons, Dr. *Frederick W. Ackroyd* '51, Miami Beach, Fla., where he is chief of surgery at Mount Sinai Medical Center; and *James A. Ackroyd* '67, Providence, a teacher at Central High School.

Dr. *Frederick Charles Hanson* '29, Middletown, R.I., a retired Providence ophthalmologist; Nov. 6. A 1933 graduate of Tufts Medical School, Dr. Hanson was a former chief of ophthalmology at the former C. V. Chapin Hospital and the former Lying-In Hospital, Providence. He was a member of the Brown medical staff and became a diplomate of the National Board of Ophthalmology in 1943. Dr. Hanson joined the Navy in 1938 as a medical specialist and served in the Pacific during World War II. Survivors include his wife, Grace, 545 Wolcott Ave., Middletown 02840; and daughters Harle and Carol.

*Leopold Myers* '30, Newton, Mass., president for forty-eight years of Columbia & Myers Upholstering Co., Boston, a family firm founded by his father in 1892; Oct. 24. Survivors include his wife, Mildred, 264 Ward St., Newton 02158; and two daughters, Marjorie and Nancy.

*Robert Hayes Robertson* '31, Quincy, Fla., a rancher and businessman; Oct. 13. Mr. Robertson had been owner of the Teepee Dude Ranch in Buffalo, Wyo., and the J Bar U Ranch in Kayce, Wyo., between 1944 and 1955. Delta Kappa Epsilon. Survivors include his wife, Joyce, of Quincy; and daughters Terri and Toni.

*William Clifford Shimmom* '31, Great Barrington, Mass., former assistant treasurer of the Rising Paper Co., in Housatonic, Mass.; Sept. 17. Mr. Shimmom had been with Rising Paper for forty-two years prior to his retire-

ment in 1974. Phi Sigma Kappa. Survivors include his wife, Helen, 184 Maple Ave., Great Barrington 01230; sons William and Richard; and a daughter, Martha.

Dr. *Nestor William Wawro* '34, West Hartford, Conn., a prominent cancer surgeon who had been senior surgeon at Hartford Hospital and a member of the staff at the University of Connecticut School of Medicine; Nov. 3 in Hawaii after an automobile accident. A 1938 graduate of the Yale University School of Medicine, Dr. Wawro was a past secretary and president of the State Cancer Society of Connecticut and was a delegate director from Connecticut to the American Cancer Society. In 1968, he was awarded the Bronze Medal of the Connecticut chapter of the American Cancer Society. Dr. Wawro was a volunteer in 1967 on the SS *Hope*, the floating medical center, during its trip to Cartagena, Colombia. Survivors include his wife, Judith, 44 Walbridge Rd., West Hartford 06119, who was severely burned in the accident, daughters Robin and Gillian '78; and sons Peter '70, David '73, Mark '75, and George.

*John Wagar Humphrey* '35, Saratoga Springs, N.Y., assistant manager-finance of Saratoga Harness Racing; Oct. 11. After service with the Army during World War II, Mr. Humphrey joined Saratoga Harness in 1946. Survivors include his wife, Kathryn, 33 Webster St., Saratoga Springs 12866.

*Richard Clement Fallon* '36, Naples, Fla., executive manager for General Electric in Brazil prior to his retirement nine years ago; Oct. 11. In his thirty-three years with GE, Mr. Fallon worked in China, Turkey, Chile, and Brazil, serving as president of the American Chamber of Commerce in Brazil. He was a member of the Naples School Board. Survivors include his wife, Avis, 1840 Eighth St. S., Naples 33940; and four children, Richard, Karen, Barbara, and Patricia.

*Frederick Arthur Stevens* '36, East Providence, R.I., coordinator of special services at Textron; Oct. 19. Mr. Stevens was vice chairman of the Advisory Council on Alcoholism, the Policy Advisory Board of Newport Hospital, and was chairman of the board of the New England Center on Alcoholism. He was a Navy officer in World War II. Phi Kappa Psi. Survivors include two sons, Mark and Frederick.

*Clifford Ernest Herrick, Jr.* '38, Campton, Ky., a research chemist who worked on the Manhattan Project from 1942 to 1946; July 28. Mr. Herrick received his Ph.D. from the University of Rochester in 1943. He was at one time vice president of Sumner Williams, Inc., Boston, and most recently divisional manager of the research and materials section of IBM in Lexington, Ky. Since his retirement five years ago, Mr. Herrick raised Hereford cattle and Peruvian Paso horses and was a part-time consultant for IBM. Survivors include his wife, Susan, Rt. 2, Flat Mary Rd. Campton 41301; and four children, including *Robert C. Herrick* '71, 176 Cowper St., Palo Alto, Calif. 94301.

*continued*



*Janet Goulett Erkkinen* '40, Riverside, R.I., manager of Brown's Records Office from 1940 to 1944; Nov. 13. She was the corresponding secretary of the Rhode Island branch of the American Association of University Women in 1947. Mrs. Erkkinen was a former president of her class, president of Komans, and a class agent. Survivors include her husband, *Alta A. Erkkinen* '38, 33 Rhodes Ave., Riverside 02915; and two sons, Paul and Peter.

*Elliott Roberts* '40, Mattapoisett, Mass., former sales engineer of Atlas Tack Corp., Fairhaven, Mass.; Sept. 1. He was an officer in the Army field artillery during World War II and was awarded the Bronze Star. Survivors include two sons, *Mark E. Roberts* '71, Orleans, Mass., and David.

*Robert Whittier Chester* '43, Santa Fe, N.M., former director of the social services department at the University of Missouri Medical School, Nov. 8. Mr. Chester received a master's degree from Boston University in 1951. Survivors include his wife, Kathryn, P.O. Box 4415, Santa Fe 87505.

*Robert Maddison Steeves* '47, Bedford, N.H., a retired engineer for the New England Telephone Co.; July 31. Mr. Steeves was a member of the Bedford Historical Society and was one of the founders of the Derryfield School. He was a Navy veteran of World War II. Survivors include his wife, Sylvia, Ministerial Cir., Bedford 03102, daughters Jan and Betsey; and sons Mark and Paul.

*Thomas Albert Morie* '55, Pocopson, Pa., publisher of *Food Engineering*, Bala-Cynwyd, Pa., a specialized business magazine published by Chilton Co.; Aug. 22. Mr. Morie served with the U.S. Air Force for five years after graduation, Phi Kappa Psi. Survivors include his wife, Beverly, P.O. Box #46, Pocopson 19366.

*Stephen Lawrence Golding* '63, Ossining, N.Y., New York City attorney specializing in taxes; June 8, when his car went out of control on the Taconic State Parkway and smashed into a rock wall. Mr. Golding earned his law degree from New York University and was special tax consultant to the law firm of Sargent, Rohm, and Van Heemstra. He was a former secretary of the Brown Club of Westchester County. Survivors include his wife, Susan, 20 Overton Rd., Ossining 10562, two daughters, Serena and Sunny, and a brother, *Richard Gardner* '58.

The Rev. *John C. Grabowski* '64 M.A.T., Seattle, Wash., a Catholic priest who was dean of studies and science teacher at Holy Redeemer High School, Oakland, Calif.; July 12. Father Grabowski received his A.B. and A.M. from the University of San Francisco. He recently served as assistant director of the Palisades Center for Christian Renewal, Seattle. Survivors are not known.

## Point of view

By Richard J. Ramsden '59

In the post-World War II period, those engaged in higher education have, for the most part, been consistent — often enthusiastic — proponents of an expansive federal government. For most of this period, it is true that the benefits of growing federal involvement and resources in society's needs and problems appeared to outweigh the disadvantages. It has only been in the 1970s, as colleges and universities have felt the first fever of what Walter Lippman called "the sickness of an overgoverned society," that frustration and doubt have set in.

Most of the frustration to date has been directed toward the widening web of regulations, orders, and directives that have accompanied federal efforts to address a multitude of social concerns. However, as serious as overregulation and rule by officials has become, to this observer there is an even more basic concern that government presents for higher education.

Expansive government at all levels is expensive, as the 1979 federal budget of approximately \$500 billion is testimony. (If memory is correct, President Roosevelt's first budget was about \$3 billion and President Kennedy's last budget less than \$100 billion.) Not only is expansive government expensive, but for the past three decades, at the federal level, the endless initiatives have too often been financed by equally endless deficits and by the deceitful and myopic practice of transferring costs to future generations. (Social security and federal and state retirement practices are but two of many such examples.)

The economic effects of governmental self-indulgence are beyond the purview of this brief article. However, one key effect, inflation — especially when coupled with the graduated income tax — is a central threat to private colleges and universities. Why do I say this? Very simply, inflation depreciates the purchasing power of private

endowments, and creates compensation needs of faculty and staff that can only be met by rapidly rising tuition, and which cannot be offset, except to a limited degree, by increased productivity. (We are a cottage industry and we define quality by that very characteristic — the extent to which each student receives personal attention in the myriad activities which encompass an undergraduate experience.) Under the graduated income tax system, inflation pushes all taxpayers, including families of students, into higher tax brackets where the government's claim (at all levels) on income increases, which ultimately means that the claim of private goods and services on family incomes must decrease. And to the extent that inflation continues to drive the prices of food, housing, energy, and other necessities higher, there is less remaining for families to make more discretionary purchases — such as private higher education. Put simply, if families are being squeezed elsewhere by mandatory (government) or necessary (housing, food, energy) outlays, there is less available for higher education.

You can compound numbers as well as I. Six-percent inflation will double the price of any product, including a Brown education, in twelve years and quadruple it by the time the class of 1978 has its 25th reunion and is endeavoring to pay for the education of its own children. Even a cursory view of federal income tax rates (not to mention the doubling of the maximum social security tax over the next four years and a tripling over the next nine) indicates the extent to which families will be squeezed harder and harder in their efforts to produce the necessary after-tax dollars to purchase a continually inflated college education.

If this prospect is a gloomy one for Brown, which by any standard enjoys exceptional student demand, and by most standards a relatively ample

# Expansive government's expensive lessons for higher education

endowment, what does it suggest for the thousand private colleges that enjoy neither benefit — especially in the face of growing competition for fewer students in the 1980s?

Well, what do we do about it? Some would argue that since the federal government, as the key beneficiary of inflation, will have large incremental resources, private colleges and universities will simply have to get more from Washington. However, as the past decade has shown, even if successful, that solution only means more regulation, greater dependence, and a weakening resolve to remain free, upon which so much depends. Perhaps I am wrong, but I would like to think that higher education has learned the lesson: the only free cheese is found in mouse-traps.

Rather than incurring greater dependence, I think a good place to start is by recognizing our predicament — that we are people-intensive enterprises with little opportunity to improve our long-term productivity, except at the expense of quality. We are also a bit like carriers at sea — we cannot adjust quickly since so many of our costs are fixed or uncontrollable in the short to intermediate term. This means we have to know the long-term cost implications of plant and program decisions. A new building may mean a century of incremental costs; a new program may mean a thirty-year faculty commitment. We need to plan well and account honestly. I think we should also recognize that we never ask our customers before the fact how much quality they would like and are willing to pay for. Over the past twenty years colleges and universities have devoted a disproportionate share of their private gift support to expense-producing assets (plant) as against income-producing assets (endowment). I think we should remember that we have a choice.

In the final analysis, however, it is

what happens in the larger world that will determine the future of private higher education. In fact, if given the rate of inflation between now and the year 2000 and the percentage of the output of the American people that is required by government at all levels in that year, I suspect a very prescient judgment could be made about the condition of Brown and her sister institutions in the closing years of this century.

It is easy to be discouraged. The "sickness of an overgoverned society" presents enormous problems for all private enterprises, but in particular for institutions such as Brown. But the sickness can be addressed. It will not be addressed by the occasional tax cut, no more than the problems of private higher education can be addressed by a token educational tax credit for families of students. In the judgment of this observer, what is required is no less than the political discipline to limit once and for all the proportionate claim of government on the productivity of the American society. If this happens, private colleges and universities will not be squeezed out; they might even thrive. And the proportionate share of family income available for higher education would at least remain stable.

Can it be done? Perhaps. But it would take an extraordinary reaffirmation of individual freedom and of controlled, if not limited, government. As a young professor at Wesleyan, Woodrow Wilson, wrote in 1889: "America is now sauntering through her resources, and through the mazes of her politics, with easy nonchalance; but presently there will come a time when she will be surprised to find herself grown old — a country crowded, strained, perplexed — when she will be obliged to fall back upon her conservatism, obliged to pull herself together, adopt a new regimen of life, husband her resources, concentrate her strength, steady her methods,



Chris Maynard

sober her views, restrict her vagaries, trust her best, not her average members. That will be the time of change."

If I am correct, the future of private higher education depends on no less.

*The writer is vice president for administration and finance at Brown. Prior to returning to the campus in 1977, he headed the Consortium on Financing Higher Education.*

# On Stage



**N**ot too long ago, students used to get upset when Dow Chemical or the CIA came to recruit on campus. Now it's *Playboy*. The dean of skin magazines is scaling the Ivy walls looking for models for an upcoming photo layout on Ivy League women, and being welcomed as if this were *Invasion of the Body Snatchers*. Read on. . . .

The aliens (in the form of a *Playboy* photographer and his assistant) first landed at Harvard, where the *Crimson* decided their ad was sexist and refused to run it. No problem: they took out an ad in the *Boston Globe*, word got around, and fifty Harvard women, plus thirty impostors, showed up. Next stop was Brown, where the *Brown Daily Herald* upheld the tradition of journalistic impartiality (and advertising revenue) and printed their ad, to wit: "*Playboy* is scanning the Ivy League for a cross section of women for the upcoming September 1979 issue. For more information, call . . ." etc.

Campus feminists were outraged. A group calling itself BEWARE (Brown Educated Women Against Rape and Exploitation) began passing out leaflets protesting *Playboy's* inherent sexism and the *BDH's* complicity in perpetrating it. An indignant letter to the *BDH*, signed by BFWARE, Women of Brown United, Coalition of Students Against Violence, and Gay Women of Brown labeled the *Playboy* ad "sexist, misleading, and harmful." It went on to say: "*Playboy* would portray Brown as having admitted its female students for their bodies, not for their maturity, intelligence, or creativity . . . Beyond slandering us as Brown students and as women, the idea behind the ad sets us all up as targets for sexual violence."

Sexual politics makes strange bedfellows. Providence police chief Angelo Ricci, who represents the sort of old-fashioned windmill that *Playboy* is still tilting at, made a name for himself last year by raiding the Rhode Island School of Design's "Private Parts" exhibit under the state's new anti-obscenity law. When Ricci got wind that *Playboy* was in town he threatened, like Marshal Dillon defending Dodge City, to have the photographer arrested if he dared to photograph any naked women within the city limits. "If I think it is morally wrong and I can get the law to back me up, I'll go after him," Ricci warned.

The calm at the center of this storm was David Chan, a small, wiry, unflappable Chinese-Canadian who has been a *Playboy* photographer for fourteen years. Chan, like his employer, appears to relish covertly the opposition of feminists and old-line moralists, it only for the publicity it creates. "I think the controversy is great," he said blandly. "It gets people thinking about these things. It's good for the student body, and it's good for us since the majority agrees with what we're doing." The publicity, certainly, was everything he could have wanted: not only did papers all over the country pick up the AP and UPI stories on *Playboy's* invasion of the Ivy League, but Chan was interviewed by almost all of the Providence media during the five days he held court at the Marriott downtown. By comparison, Jimmy Carter's

swing through the city last year caused hardly a ripple.

Undaunted by feminist dissuasion and constabulary threats, over 100 Brown women responded to the *Playboy* ad and called Chan for an appointment. They were asked to wear "revealing" clothing and bring snapshots of themselves. The day we visited Chan, we were mildly surprised to find the door to his hotel suite wide open and three fully clothed young women sitting around a coffee table (stacked with copies of *Playboy*) chatting with him. Their names were Amy, Sue, and Laurie, they were all sophomores, and they were all perfectly serious about being in *Playboy*. But only with their clothes on. Everyone was allowed to choose how much she wanted to reveal, and the fees are staggered accordingly: \$300 for posing nude, \$200 semi-nude, and \$100 fully clothed. Only about 25 percent of the Brown women he'd seen were willing to pose nude, Chan told us. As Amy put it, "Most Ivy League women are going out into the business and professional world, and you don't know if people could use it against you." Laurie, on the other hand, wants to go into communications and thought the exposure might be helpful — "I see it as an advertisement for myself."

Why a feature on Ivy League women? "There's a mystique about Ivy women, that the average person can't get near them," Chan said. "We want to show that they're pretty nice." And the three women present seemed eager to show the world that they had more than just brains. "I go to Brown because I'm proud of my mind, and I want to be in *Playboy* because I'm proud of my body," Amy said. The other two nodded emphatically.

What would their parents think? "My mom thinks it's great, and so does my grandmother," Amy laughed. "My dad said he didn't think I'd have much of a chance." Sue said, "My mom's attitude is 'If you've got it, flaunt it.' My dad's the type who would worry that it might be used against me." But she hadn't told her parents, and neither had Laurie, who guessed that "they wouldn't tremendously approve." However, none of them had gotten any flak from their peers; on the contrary, Sue said, "Everyone's for it, especially the guys. All week long I've heard, 'Hey, Sue, you going down to the Marriott today?'" They dismissed the BEWARE campaign as "crazy." So much for consciousness-raising.

With two schools down and six to go, AP conducted a poll of Ivy newspaper editors to see which lead they'd follow — Harvard's or Brown's. Yale and Columbia said they probably wouldn't run the *Playboy* ad; Dartmouth, Penn, and Princeton (which has a woman editor) said they probably would, and Cornell abstained. Chan, unfazed, plans to be back in early spring to photograph the four or five finalists he'll pick from each school. Nothing sensational — no nudes reclining on "Bridge-Prop" or sitting astride Marcus Aurelius's horse — just some nice, intimate dorm-room shots.

J.P.













